

CLIMATOLOGICAL DATA FOR JULY, 1913.

DISTRICT NO. 2, SOUTH ATLANTIC AND EAST GULF STATES.

CHARLES F. VON HERRMANN, District Editor.

GENERAL SUMMARY.

July was warmer than usual in all the States in the district. Periods of intense heat prevailed that were most marked in western North Carolina, South Carolina, Georgia, and Alabama, during which all previous records for high temperatures were broken at many places. This was particularly the case throughout Georgia, where previous maximum temperatures were exceeded at 20 places and equaled at 6 others. The record of 110° at Talbotton, Talbot Co., Ga., is believed to be the highest ever registered under standard exposure of the thermometers in the southeastern portion of the United States. The highest temperatures were generally recorded about the 19th. The monthly mean temperatures were above 80° for every State except Virginia and North Carolina.

The precipitation was entirely in the form of local thundershowers, which, however, were very frequent in all portions of the district; hardly more than one or, at most, two generally fair days occurred, mostly about the 8th or 9th, the coolest days of the month. During the first two decades the rainfall was insufficient and drought prevailed in some districts, but during the last decade the precipitation was more abundant and a general improvement in the condition of crops took place. Several severe thunderstorms with hail occurred in various portions of the district, resulting in considerable damage to crops and the death of about 12 people by lightning. The number of deaths by lightning in the district during June and July has been almost unprecedented.

The highest atmospheric pressure in the district was 30.25 inches on the 15th at Pensacola, Jacksonville, Anniston, and Birmingham, and the lowest was 29.77 inches on the 6th at Norfolk, and on the 19th at Columbia, giving a range for the month of only 0.48 inch.

TEMPERATURE.

The month opened with high temperatures in all sections, especially from the 2d to 6th, during which period the highest for the month occurred at several places in the extreme northern and western portions of the district. Moderately cooler weather followed from the 7th to about the 14th, the 8th being generally the coolest day with minimum temperatures below 60° in the Gulf States except Florida and below 50° at a few places in Virginia and North Carolina. A very marked hot wave occurred during the latter portion of the second decade, culminating in record-breaking temperatures on the 19th. The following extracts from the reports by section directors are pertinent:

North Carolina.—The highest temperature was 106° at Monroe, which, excluding one doubtful record, is the highest every registered in the State. New high records were established at several stations. The temperature reached 101° at Charlotte on the 18th and 102° on the 19th, equaling the previous high record in July, 1887.

South Carolina.—The highest temperature was 109° at Greenwood and Santuck, which is 2° above the previous highest record for the State, while the temperatures at many other places equaled or exceeded previous high records.

Georgia.—Although July, 1913, was extremely warm it did not quite equal July, 1902. The monthly mean for the State, 81.3° was slightly exceeded in July, 1902, with 82° and in August, 1900, with 82.3°. During the present month 19 stations reported 105° or above as compared with 18 in 1902, and 50 reported 100° or above as compared with 57 in 1902. But the extreme of 110° at Talbotton on July 19, this year, stands unrivaled in the climatic history of Georgia. All previous records were broken at several stations having long records, as at Rome (54 years), Macon (32 years), Athens (31 years), etc.

On the 20th a period of moderate temperatures of about one week's duration began but was followed by high temperatures, especially in the northern part of the district toward the close of the month.

The mean temperature for the district as a whole was 80.7°, or 1.1° above the normal. At the great majority of stations the excess was less than 3°, while at a few places, mostly in southern Florida and on the Gulf coast, there were slight deficiencies. The range in monthly means was usually small in some States. For example, in Mississippi, from 80° at Pearlington to 83.4° at Agricultural College; in Alabama, from 79° to 84°; in Georgia, from 75° to 84°, etc. The highest monthly mean was 84.7° at Clermont, Fla., closely followed by 84.6° at Allendale, S. C., and 84.5° at Waynesboro, Ga. The lowest monthly mean was 70.7° at Rock House, N. C. Highest temperature 110°, lowest 46° (Hot Springs, Va.).

PRECIPITATION.

Although local showers were unusually frequent in all sections, amounts were generally not large until the last decade, when copious precipitation occurred commencing with the breaking up of the hot wave on the 19th. The intense heat on that day led to the formation of marked convective disturbances with hail at many places, chiefly in the northern part of the district.

The State averages were nearly an inch below the normal in the Carolinas and about 2 inches below in Florida, nearly normal in Georgia and Alabama, and slightly above normal in Virginia and Mississippi. In each State over comparatively limited portions, mostly near the Atlantic coast or the Gulf of Mexico, the precipitation exceeded 8 inches, and at 10 stations out of 375 reporting, the total for the month was over 10 inches. In amount the rainfall was very irregularly distributed and drought prevailed during the earlier portion of the month at many stations, especially in Florida, with some injury to crops. The heaviest local rains fell on the 10th–11th in the northern part of the district, but over the remainder, on various dates, from the 19th to the 27th, with 24-hourly

amounts exceeding 2.50 inches at a few stations in each State. The largest amount was 4.63 inches on the 21st at Abbeville, Ga.

The least rainfall occurred on the eastern coast of Florida, but less than 1 inch was received at only one place, Malabar, with 0.26 inch.

The average rainfall for the entire district was 5.36 inches and the departure -0.41 inch. The largest amount was 14.80 inches at Robertsdale, Ala., and the least 0.26 at Malabar, Fla. Hail fell at many places with much damage to crops.

MISCELLANEOUS PHENOMENA.

The prevailing winds were from the southwest in the States from Alabama to Virginia, but from the southeast in Florida and south in Mississippi. The hourly wind movement slightly exceeded 10 miles at some of the coast stations. The maximum wind velocity reported was 60 miles an hour from the north at Norfolk, Va., on the 2d; gales of 40 miles an hour or more occurred at Cape Henry, Va., at Hatteras, Raleigh, and Charlotte, N. C., at Savannah and Atlanta, Ga., and Jacksonville and Pensacola, Fla.

The average number of clear days was 14, partly cloudy 11, cloudy 6, and rainy 11. The average number of hours of sunshine for the district was 285, or 65 per cent of the possible amount. Highest percentage 79 at Anniston, Ala., lowest 40 at Hatteras, N. C.

SEVERE LOCAL STORMS.

Atlanta, Ga.—A severe local thunderstorm occurred at Atlanta on July 31, between the hours of 3 and 5 p. m., which presented some rather unusual phenomena. The storm formed southeast of the city and undoubtedly moved eastward, but the entire sky at Atlanta became overcast by thin clouds which permitted sufficient light to pass so that it was comparatively bright during the entire storm. The most striking feature was the absence of the usual outrushing wind; during the disturbance the wind velocity did not exceed 8 miles an hour, and while the rain was heaviest the smoke from chimneys ascended almost vertically upward. From 3.25 to 3.55 p. m. 0.80 inch of rain fell. The electrical display was also brilliant and continuous, and the thunder remarkably loud. The cupola on the Terminal Railway Station was shattered by lightning, and one person was killed.

The writer, although for nearly 30 years an observer in the Weather Bureau, has never before seen anything so nearly approaching ball lightning as was observed during this storm. Very many flashes passed between the clouds and the earth. At the earth terminal of three exceptionally brilliant flashes which occurred in rapid succession and were of the usual reddish color, brilliant globes about the size of a man's head of intensely blue light were observed which lasted for from 3 to 5 seconds after the main flashes had disappeared.

A severe local storm occurred on July 7 at Waycross, Ga., during which large windows were shattered, several houses taken off their foundations, and trees blown down in all parts of the city. A similar storm occurred on the same day at Jackson, Miss., which caused much damage to fruit trees, and at Biloxi, Miss., on the 10th and at Birmingham, Ala., on the 29th.

Norfolk, Va.—A severe thunderstorm occurred on July 10, attended by strong gusts of wind over Hampton Roads. Lightning caused damage to buildings and boats along the shore and put the telephones and electric rail-

ways out of commission in Fortress Monroe, Newport News, and vicinity.

Raleigh, N. C.—Hail destroyed or damaged crops over small areas in Nash County, N. C., on the 19th, and in Wake and Johnston Counties on the 20th. On a few farms crops were almost completely destroyed, particularly in the vicinity of Fuquay Springs and Smithfield. Some of the hailstones were an inch in diameter. It is estimated that the damage to crops and property in these counties was \$60,000.

RIVER CONDITIONS.

Mean river stages were generally normal or slightly below throughout the district during July, and flood stages were not attained at any point.

LOCAL STORMS OF JULY 19, 1913, IN VIRGINIA.

[By JAMES H. KIMBALL, Observer.]

Saturday, July 19, opened clear and unusually warm, with light northerly winds sweeping over middle Virginia toward a shallow atmospheric depression, which at 8 a.m. occupied the Piedmont section of North and South Carolina. At Richmond during the morning hours cumulus and strato-cumulus clouds began to appear in the northwest and by noon the sky was partly cloudy and covered with a thin layer of haze. Light northwesterly winds prevailed until about 3 p. m. when, with gathering clouds and an almost imperceptible increase in wind movement, the temperature began to fall, and a few minutes later thunder was heard in the west. About 4 p. m. a northwest squall set in with light rain and a marked fall in temperature. Shortly after 8 p. m. a remarkably beautiful display of mammato-cumulus clouds was observed drifting slowly from the west.

These notes are abstracted from the Richmond record because of their apparent connection with a number of violent storms that occurred on the same day in the adjoining section of middle Virginia.

Hail was the principal agent of destruction, but great loss was also caused by lightning and high winds. Buckingham, Cumberland, Prince Edward, Nottoway, and probably Lunenburg Counties sustained most of the loss, and since these counties form the heart of the Virginia tobacco-growing district their misfortune is of more than local interest. Hail fell in enormous quantities, and large areas of tobacco which had just been topped were almost ruined. The violent electrical discharges caused the destruction by fire of many barns containing recently harvested wheat and oats, while high winds from the northwest unroofed houses and demolished many less substantial buildings.

Of the several storms that occurred between 2 and 4 p. m. on the 19th, the one that developed in central Buckingham County was undoubtedly the most severe. It began to show destructive properties when nearing Eonville, a village in the south-central part of the county, where a heavy thunderstorm occurred at about 2.30 p. m. Thence it traveled in a southeasterly direction and was next reported from Arcanum, about 4 miles distant, where the lightning was severe. Four large trees standing within a comparatively small area are said to have been shattered from top to bottom by successive discharges within a 5-minute interval. Rain and hail occurred, but these features did not become excessive until the storm reached Sheppard, a village 5 miles to the south-southeast.

TABLE 1.—Climatological data for July, 1913. District No. 2, South Atlantic and East Gulf States.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | |
|------------------------|-----------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------------------|-----------------------------------|---------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| Virginia. | | | | | | | | | | | | | | | | | | | | |
| Arvonia. | Buckingham. | 350 | 9 | 76.6 | - 0.8 | 94 | 2† | 56 | 8 | 29 | 2.96 | - 0.81 | 0.72 | 0 | 9 | 18 | 1 | sw. | Rev. Plummer F. Jones. | |
| Ashland. | Hanover. | 221 | 22 | 77.1 | - 0.9 | 95 | 2 | 57 | 8 | 28 | 3.17 | - 1.85 | 0.77 | 0 | 8 | 21 | 1 | s. | E. L. C. Scott. | |
| Buchanan. | Botetourt. | 820 | 9 | | | | | | | | 3.29 | - 1.55 | 1.45 | 0 | 9 | | | | D. D. Booze. | |
| Callaville. | Brunswick. | 250 | 19 | 78.8 | + 1.7 | 99 | 2 | 55 | 8 | 31 | 6.06 | + 0.05 | 2.30 | 0 | 9 | 21 | 9 | e. | F. M. Gage. | |
| Cape Henry. | Princess Anne. | 20 | 39 | 78.2 | + 0.7 | 98 | 2 | 62 | 8 | 23 | 9.51 | + 3.66 | 2.14 | 0 | 14 | 12 | 14 | 5 | U. S. Weather Bureau. | |
| Catawba. | Roanoke. | 1,760 | 2 | 73.8 | | 92 | 19 | 47 | 80 | 44 | 3.81 | | 1.46 | 0 | 10 | 21 | 10 | 0 | State Board of Health Sanitarium. | |
| Charlottesville. | Albemarle. | 800 | 24 | 75.0 | + 1.1 | 94 | 2 | 49 | 7† | 36 | 4.73 | - 0.75 | 1.65 | 0 | 12 | 7 | 7 | 17 | Leander McCormick Observatory. | |
| Clarksville. | Mecklenburg. | 286 | 19 | | | | | | | | 1.99 | - 2.46 | 0.67 | 0 | 6 | | | | J. A. Ligon. | |
| Columbia. | Fluvanna. | 246 | 15 | | | | | | | | 5.85 | + 1.76 | 1.98 | 0 | 8 | 19 | 4 | 8 | Chesapeake & Ohio Ry. Co. | |
| Danville. | Pittsylvania. | 413 | 13 | | | | | | | | 6.18 | + 2.26 | 2.32 | 0 | 7 | | | | C. G. Watkins. | |
| Diamond Springs. | Princess Anne. | 25 | 3 | 78.6 | | 99 | 2 | 57 | 8 | 26 | 9.30 | | 1.66 | 0 | 12 | 22 | 8 | 1 | Virginia Truck Exp. Sta. | |
| Dry Bridge. | Chesterfield. | 325 | 2 | | | | | | | | 3.95 | | 1.08 | 0 | 13 | | | | Dr. E. W. Magruder. | |
| Hampton. | Elizabeth City. | 5 | 30 | 79.6 | + 1.1 | 97 | 2 | 63 | 8 | 23 | 7.45 | + 0.30 | 1.60 | 0 | 10 | 25 | 6 | 0 | Normal and Agriculture Inst. | |
| Hot Springs. | Bath. | 2,195 | 21 | 71.6 | + 2.2 | 91 | 1 | 46 | 8 | 32 | 6.66 | + 2.81 | 2.75 | 0 | 12 | 12 | 0 | 1 | A. M. Taft. | |
| Ivor. | Southampton. | 87 | 4 | 79.0 | | 102 | 2 | 54 | 8 | 34 | 9.57 | | 2.10 | 0 | 11 | | | | Norfolk & Western Ry. Exp. Farm. | |
| Lassiter. | Goochland. | 100 | 3 | | | | | | | | 4.04 | | 1.02 | 0 | 7 | 21 | 9 | 1 | T. J. Davis. | |
| Lexington. | Rockbridge. | 1,060 | 36 | 74.4 | - 0.1 | 95 | 1 | 50 | 8 | 34 | 3.12 | - 0.86 | 0.96 | 0 | 11 | 21 | 8 | 2 | Virginia Military Institute. | |
| Lynchburg. | Campbell. | 685 | 42 | 78.6 | + 1.3 | 99 | 30 | 57 | 8 | 26 | 1.53 | - 2.50 | 0.68 | 0 | 6 | 11 | 20 | 0 | U. S. Weather Bureau. | |
| Newport News. | Warwick. | 55 | 10 | 79.2 | | 100 | 2 | 63 | 8 | 23 | 10.84 | | 3.44 | 0 | 15 | 15 | 13 | 3 | C. W. Ashby. | |
| Norfolk. | Norfolk. | 91 | 43 | 78.2 | - 0.2 | 97 | 2 | 61 | 8 | 26 | 10.24 | + 4.44 | 2.55 | 0 | 12 | 13 | 11 | 7 | U. S. Weather Bureau. | |
| Petersburg. | Dinwiddie. | 60 | 26 | 80.1 | + 2.5 | 98 | 2 | 61 | 12 | 31 | 2.48 | - 2.41 | 1.36 | 0 | 6 | | | Walter Edward Harris. | | |
| Randolph. | Charlotte. | 334 | 9 | | | | | | | | 4.65 | | 1.43 | 0 | 6 | | | W. J. Abitt. | | |
| Richmond. | Henrico. | 144 | 34 | 79.0 | - 0.2 | 97 | 30 | 60 | 8 | 26 | 3.65 | - 0.77 | 1.42 | 0 | 12 | 12 | 14 | 5 | U. S. Weather Bureau. | |
| Roanoke. | Roanoke. | 907 | 3 | 77.0 | | 95 | 2† | 51 | 8 | 32 | 2.92 | | 1.66 | 0 | 9 | 16 | 14 | 1 | Capt. Reese F. Bell. | |
| Rocky Mount. | Franklin. | 1,150 | 19 | 78.3 | + 2.5 | 99 | 29 | 51 | 8 | 34 | 4.48 | - 0.84 | 1.95 | 0 | 5 | | | G. W. B. Hale. | | |
| Ruckersville. | Greene. | 625 | 2 | 75.6 | | 97 | 29 | 50 | 9 | 32 | 5.04 | | 1.65 | 0 | 11 | | | Dr. Jesse Ewell. | | |
| Runnymede (near). | Surry. | 15 | 25 | 78.7 | + 1.1 | 99 | 2 | 56 | 8 | 28 | 6.68 | + 4.40 | 2.30 | 0 | 11 | 11 | 8 | 12 | B. W. Jones. | |
| West Point. | King William. | 15 | 1 | 79.4 | | 99 | 2 | 59 | 8 | 27 | 3.82 | | 1.24 | 0 | 9 | 22 | 4 | 5 | C. L. Maskey. | |
| Williamsburg. | James City. | 70 | 22 | 78.5 | + 1.7 | 97 | 2 | 58 | 8 | 28 | 3.26 | - 1.89 | 0.98 | 0 | 7 | 22 | 8 | 1 | Eastern State Hospital. | |
| North Carolina. | | | | | | | | | | | | | | | | | | | | |
| Albemarle. | Stanly. | 700 | 1 | 80.2 | | 103 | 19 | 55 | 8 | 33 | 3.61 | | 1.20 | 0 | 15 | 17 | 12 | 2 | M. J. Harris. | |
| Altapass (near). | McDowell. | 2,133 | 10 | 80.4 | + 0.6 | 93 | 27 | 66 | 8 | 20 | 5.34 | + 0.05 | 1.85 | 0 | 11 | 20 | 6 | 5 | R. F. Brewer. | |
| Beaufort. | Carteret. | 4 | 42 | 82.2 | | 21 | 61 | 99 | 8 | 30 | 6.32 | | 2.50 | 0 | 8 | 23 | 7 | 1 | Lewis Radcliffe. | |
| Brewers. | Beaufort. | 1,950 | 16 | 76.9 | + 1.3 | 100 | 18† | 49 | 8 | 38 | 1.87 | - 3.73 | 0.50 | 0 | 13 | 6 | 24 | 1 | A. L. Bell. | |
| Caroile. | Rutherford. | 806 | 13 | 80.2 | + 1.9 | 104 | 19 | 56 | 8 | 40 | 3.56 | - 1.13 | 1.42 | 0 | 8 | 17 | 13 | 1 | W. L. Brewer. | |
| Chalybeate Springs. | Harnett. | 500 | 7 | 80.4 | | 101 | 19 | 55 | 8 | 35 | 6.90 | | 2.02 | 0 | 13 | 23 | 6 | 2 | S. B. Tanner. | |
| Chapel Hill. | Orange. | 500 | 55 | 79.6 | + 0.9 | 101 | 19 | 54 | 8 | 34 | 2.05 | - 2.83 | 1.04 | 0 | 8 | 16 | 13 | 2 | J. A. Smith. | |
| Charlotte. | Mecklenburg. | 773 | 37 | 80.4 | + 1.7 | 102 | 19 | 61 | 8 | 30 | 4.42 | - 1.07 | 2.36 | 0 | 11 | 20 | 10 | 1 | Prof. A. H. Patterson. | |
| Chimney Rock. | Rutherford. | 1,150 | 3 | 76.7 | | 100 | 19 | 54 | 8 | 32 | 4.99 | | 2.32 | 0 | 8 | 20 | 10 | 1 | U. S. Weather Bureau. | |
| Durham (near). | Durham. | 406 | 8 | | | | | | | | 2.25 | | 1.20 | 0 | 7 | | | J. M. Flack. | | |
| Eagleton. | Northampton. | 66 | 8 | 79.0 | | 98 | 2 | 56 | 8 | 28 | 8.55 | | 2.35 | 0 | 12 | 14 | 15 | 2 | J. C. Michie. | |
| Edenton. | Chowan. | 30 | 19 | 81.2 | + 1.6 | 99 | 14† | 52 | 8 | 35 | 4.73 | - 2.39 | 1.91 | 0 | 8 | 20 | 8 | 3 | J. T. Elliott. | |
| Elizabeth City. | Pasquotank. | 8 | 1 | | | | | | | | 6.25 | | 1.35 | 0 | 8 | 22 | 8 | 1 | E. R. Conger. | |
| Elizabethtown. | Bladen. | 60 | 2 | | | | | | | | 7.01 | | 2.30 | 0 | 7 | | | W. J. Simmons. | | |
| Elkin. | Surry. | 874 | | | | | | | | | 1.76 | | 0.70 | 0 | 6 | | | H. H. Barnhill. | | |
| Enfield (near). | Halifax. | 99 | 2 | | | | | | | | 4.98 | | 2.00 | 0 | 9 | | | Cynthia L. Myers. | | |
| Fayetteville. | Cumberland. | 170 | 26 | 81.6 | + 2.5 | 101 | 19 | 61 | 9 | 30 | 4.92 | - 2.26 | 1.64 | 0 | 8 | 20 | 3 | 8 | T. S. Inborden. | |
| Globe (near). | Caldwell. | 1,800 | 1 | | | | | | | | 3.17 | | 0.79 | 0 | 9 | 12 | 18 | 12 | 1 | Frank Glover. |
| Goldsboro. | Wayne. | 102 | 43 | 79.8 | 0.0 | 97 | 6 | 59 | 8 | 31 | 8.99 | + 2.48 | 3.94 | 0 | 12 | 18 | 12 | 1 | Julius L. Gragg. | |
| Gorge (near). | Caldwell. | 1,358 | 1 | | | | | | | | 2.32 | | 0.74 | 0 | 11 | | | Mrs. J. J. Robinson. | | |
| Graham. | Alamance. | 656 | 11 | | | | | | | | 2.40 | - 2.11 | 0.54 | 0 | 10 | | | A. J. Bagley. | | |
| Greensboro. | Guildford. | 843 | 32 | 78.1 | 0.0 | 99 | 19 | 59 | 8 | 25 | 3.09 | - 2.02 | 1.60 | 0 | 9 | | | Dr. W. R. Goley. | | |
| Greenville. | Pitt. | 75 | 20 | | | | | | | | 3.53 | - 3.29 | 1.20 | 0 | 11 | | | A. H. Horry. | | |
| Hatteras. | Dare. | 11 | 39 | 78.8 | + 0.2 | 89 | 5 | 65 | 8 | 15 | 3.78 | - 2.35 | 2.62 | 0 | 9 | 5 | 21 | 5 | R. M. Hearne. | |
| Henderson. | Vance. | 508 | 20 | 79.8 | + 1.7 | 100 | 2 | 58 | 8 | 29 | 2.92 | - 2.87 | 0.86 | 0 | 8 | 16 | 14 | 1 | U. S. Weather Bureau. | |
| Hickory. | Catawba. | 1,156 | 1 | 81.2 | | 103 | 19 | 60 | 8 | 29 | 1.91 | | 0.64 | 0 | 6 | | | Enoch Powell. | | |
| Kings Mountain. | Cleveland. | 952 | 1 | | | | | | | | 2.40 | | 0.60 | 0 | 10 | 21 | 8 | 2 | Frank B. Gwin. | |
| Kinston. | Lenoir. | 46 | 15 | 80.8 | - 0.2 | 98 | 2† | 57 | 8 | 35 | 2.94 | + 2.28 | 2.26 | 0 | 10 | 18 | 10 | 3 | G. T. King. | |
| Lincolnton. | Lincoln. | 994 | 7 | 79.0 | | 101 | 19 | 54 | 8 | 39 | 2.07 | | 0.55 | 0 | 7 | 17 | 12 | 2 | H. C. V. Peebles. | |
| Louisburg. | Franklin. | 375 | 22 | 81.0 | + 2.9 | 100 | 19 | 57 | 8 | 30 | 5.09 | - 0.28 | 1.99 | 0 | 10 | 16 | 14 | 1 | S. P. Houser. | |
| Lumberton. | Robeson. | 102 | 30 | 81.8 | + 1.5 | 101 | 19 | 59 | 8 | 32 | 5.63 | - 0.31 | 1.76 | 0 | 11 | | | T. B. Wilder. | | |
| Manteo. | Dare. | 13 | 8 | 79.7 | | 97 | 6 | 53 | 8 | 28 | 3.22 | | 1.10 | 0 | 9 | 19 | 11 | 1 | B. M. Davis. | |
| Marion. | McDowell. | 1,425 | 21 | 77.0 | + 1.4 | 101 | 19 | 53 | 8 | 30 | 4.67 | - 0.73 | 1.68 | 0 | 14 | 10 | 19 | 2 | U. S. Weather Bureau. | |
| Middletown. | Hyde. | 4 | 2 | 79.48 | | 97 | 6 | 54 | 8 | 38 | 3.69 | | 1.07 | 0 | 6 | | | W. P. Burrus. | | |
| Moncure. | Chatham. | 145 | 19 | 79.9 | + 1.1 | 100 | 18† | 54 | 8 | 35 | 4.10 | - 0.84 | 2.78 | 0 | 8 | 17 | 7 | 7 | R. J. Utley. | |
| Monroe. | Union. | 586 | 19 | 80.8 | + 2.0 | 100 | 19 | 53 | 8 | 37 | 5.22 | - 0.01 | 3.22 | 0 | 9 | 20 | 5 | 9 | T. A. Ashcraft. | |
| Morganton. | Burke. | 1,135 | 26 | 79.1 | + 3.1 | 104 | 19 | 53 | 8 | 33 | 4.45 | - 3.69 | 0.45 | 0 | 9 | 24 | 3 | 4 | J. B. P. Massey. | |
| Mount Airy. | Surry. | 1,048 | 25 | 76.8 | + 1.6 | 98 | 18† | 50 | 8 | 30 | 6.33 | + 0.55 | 1.55 | 0 | 9 | 19 | 7 | 5 | Prof. A. H. Merritt. | |
| Mount Holly. | Gaston. | 616 | 16 | | | | | | | | 3.20 | - 3.16 | 1.10 | 0 | 10 | | | J. W. Holland. | | |
| Nashville. | Nash. | 190 | 9 | 80.6 | | 98 | 2† | 64 | 8 | 26 | 9.26 | | 2.95 | 0 | 9 | 12 | 15 | 4 | I. B. Boddie. | |
| Newbern. | Wake. | 266 | 1 | | | | | | | | 5.30 | | 2.92 | 0 | 10 | | | E. M. Allen. | | |
| Wilkes. | Craven. | 12 | 31 | 80.8 | + 1.8 | 96 | 6 | 59 | 8 | 28 | 10.60 | + 2.99 | 3.25 | 0 | 13 | 7 | 7 | J. B. Hill. | | |
| Parkersburg. | Sampson. | 121 | 1 | 80.8 | | 101 | 6 | 56 | 9 | 34 | 5.20 | | | | | | | | | |

TABLE 1.—Climatological data for July, 1913. District No. 2—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | Number of rainy days 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | Prevailing wind direc- tion. | Observers. | | |
|------------------------------|---------------|------------------|--------------------------|-------------------------------------|-------------------------------|----------|-------|---------|-------|---------------------------|--------|-------------------------------|--------------------------|--|--------------------------|----------------------------------|---------------------------|---------------------------------|------------|------------------------|---------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmelted. | | | | | | | |
| North Carolina—Contd. | | | | | | | | | | | | | | | | | | | | | |
| Southport | Brunswick. | 18 | 58 | 80.0 | - 0.4 | 92 | 4 | 69 | 16† | 18 | 6.04 | - 0.77 | 4.02 | 0 | 7 | 15 | 12 | 4 | sw. | Mrs. C. E. Taylor. | |
| Statesville | Iredell. | 950 | 25 | 78.4 | + 1.3 | 98 | 19 | 56 | 8 | 29 | 3.31 | - 1.50 | 1.11 | 0 | 7 | 11 | 17 | 3 | sw. | D. Matt Thompson. | |
| Tarboro | Edgecombe. | 50 | 28 | 82.0* | + 2.1 | 101 | 2 | 56 | 8 | 32 | 5.41 | - 0.94 | 2.68 | 0 | 11 | 11 | 11 | 1 | sw. | E. V. Zoeller. | |
| Tryon (near) | Folk. | 1,300 | 1 | 51 | 78.7 | - 0.7 | 99 | 2 | 58 | 8 | 29 | 4.86 | - 0.74 | 1.14 | 0 | 11 | 11 | 11 | 9 | sw. | W. T. Lindsey. |
| Weldon | Halifax. | 81 | 41 | 51 | 80.0 | ..... | 98 | 2 | 56 | 10 | 33 | 8.08 | ..... | 1.66 | 0 | 10 | 21 | 4 | s. | H. S. Cooper. | |
| Willard | Pender. | 51 | 5 | 80.0 | ..... | 98 | 3 | 66 | 8 | 21 | 5.93 | - 1.04 | 2.53 | 0 | 13 | 6 | 21 | 4 | sw. | J. H. Jefferies. | |
| Wilmington | New Hanover. | 52 | 42 | 80.0 | + 1.3 | 98 | 3 | 61 | 20 | 23 | 5.01 | - 0.00 | 1.73 | 0 | 10 | 24 | 6 | 0 | sw. | U. S. Weather Bureau. | |
| Winston-Salem | Forsyth. | 1,000 | 18 | 78.2 | + 0.6 | 98 | 19† | 61 | 20 | 23 | 5.01 | - 0.00 | 1.73 | 0 | 10 | 24 | 6 | 0 | sw. | Rev. H. E. Rondthaler. | |
| South Carolina. | | | | | | | | | | | | | | | | | | | | | |
| Aiken | Aiken. | 565 | 18 | 80.8 | - 0.4 | 104 | 19 | 66 | 8† | 30 | 3.10 | - 2.01 | 1.15 | 0 | 4 | 19 | 9 | 3 | s. | C. E. Carman. | |
| Allendale | Barnwell. | 136 | 24 | 84.6 | + 3.4 | 105 | 18† | 63 | 9 | 34 | 2.25 | - 3.32 | 1.10 | 0 | 8 | 21 | 3 | 7 | sw. | E. C. Cavan. | |
| Anderson | Anderson. | 784 | 11 | 82.0 | + 3.1 | 105 | 18† | 63 | 8 | 29 | 6.16 | + 1.27 | 2.55 | 0 | 12 | 17 | 1 | 13 | w. | H. H. Russell. | |
| Batesburg | Lexington. | 656 | 24 | 81.4 | + 1.5 | 102 | 19 | 63 | 8 | 29 | 2.10 | - 3.22 | 0.84 | 0 | 6 | 16 | 9 | 6 | n. | E. J. Hite. | |
| Beaufort | Beaufort. | 20 | 26 | 81.2 | - 0.4 | 96† | 3 | 66 | 9† | 25 | 9.61 | + 4.01 | 3.35 | 0 | 6 | 19 | 4 | 8 | sw. | Miss Lillian H. Rice. | |
| Blackville | Barnwell. | 298 | 23 | 84.3 | + 2.6 | 107 | 18† | 69 | 9 | 37 | 5.34 | + 0.01 | 3.40 | 0 | 9 | 19 | 4 | 8 | sw. | Mrs. D. B. Sanders. | |
| Blairsville | Fairfield. | 263 | 7 | 51 | 80.0 | ..... | 98 | 3 | 61 | 20 | 23 | 2.38 | - 0.79 | 0 | 7 | 18 | 3 | 10 | s. | J. N. Owens. | |
| Bowman | Orangeburg. | 160 | 11 | 82.0 | + 1.5 | 102 | 6 | 60 | 8 | 32 | 5.25 | + 0.58 | 2.15 | 0 | 11 | 18 | 9 | 4 | sw. | B. O. Evans. | |
| Broxton | Hampton. | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.90 | 0 | 9 | ..... | ..... | ..... | w. | Thomas D. Williams. | |
| Calhoun Falls | Abbeville. | 508 | 19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.61 | 0 | 9 | ..... | ..... | ..... | sw. | L. M. Parker. | |
| Camden | Kershaw. | 222 | 46 | 82.6 | ..... | 100 | 6† | 65 | 8 | 23 | 7.40 | + 2.40 | 3.74 | 0 | 11 | 17 | 8 | 6 | sw. | W. C. Brown. | |
| Catawba | York. | 562 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.60 | 0 | 7 | 15 | 8 | 8 | s. | James C. Faris. | |
| Chappells | Newberry. | 402 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.16 | 0 | 4 | 19 | 0 | 12 | w. | J. J. Murran. | |
| Charleston | Charleston. | 48 | 42 | 82.6 | + 0.7 | 95 | 3 | 71 | 15 | 23 | 5.51 | - 1.75 | 3.54 | 0 | 8 | 7 | 15 | 9 | s. | U. S. Weather Bureau. | |
| Cheraw | Chesterfield. | 144 | 24 | 81.6 | + 1.7 | 104 | 19 | 61 | 8 | 29 | 6.95 | + 0.95 | 2.08 | 0 | 13 | 14 | 8 | 9 | s. | J. H. Powe. | |
| Clemson College | Oconee. | 850 | 21 | 79.0 | + 0.2 | 97 | 18† | 59 | 8 | 25 | 4.45 | - 0.88 | 1.00 | 0 | 9 | 21 | 9 | 1 | w. | Prof. John N. Hook. | |
| Columbia | Richland. | 351 | 26 | 82.2 | + 1.1 | 102 | 19 | 65 | 8 | 33 | 5.82 | - 0.24 | 2.70 | 0 | 12 | 7 | 14 | 10 | sw. | U. S. Weather Bureau. | |
| Conway | Horry. | 25 | 20 | 81.4 | + 1.6 | 101 | 3 | 62 | 9 | 30 | 5.48 | - 1.28 | 1.70 | 0 | 8 | 12 | 0 | 19 | s. | Paul Quattlebaum. | |
| Darlington | Darlington. | 175 | 17 | 80.8* | ..... | 100† | 3 | 60 | 9 | 29 | 6.67 | + 1.61 | 1.80 | 0 | 7 | ..... | ..... | ..... | s. | D. C. McCall. | |
| Dillon | Marion. | 100 | 8 | 81.2 | + 0.6 | 99 | 3 | 62 | 9 | 26 | 9.68 | + 3.92 | 3.00 | 0 | 13 | ..... | ..... | ..... | s. | A. E. Rowell. | |
| Edisto | Bamberg. | 127 | 25 | 51 | 84.5 | + 5.4 | 100 | 18 | 69 | 14 | 29 | 2.12 | - 4.04 | 0.45 | 0 | 10 | 19 | 1 | 11 | sw. | Nathan Jenkins. |
| Effingham | Florence. | 106 | 20 | 82.1 | + 0.8 | 103 | 19 | 62 | 9 | 33 | 6.10 | - 0.50 | 2.28 | 0 | 10 | 17 | 6 | 12 | sw. | H. B. McColl. | |
| Ferguson | Berkeley. | 51 | 4 | 84.5 | + 5.4 | 100 | 18 | 69 | 14 | 29 | 2.12 | - 4.04 | 0.45 | 0 | 10 | 19 | 1 | 11 | sw. | Joseph Simons. | |
| Florence | Florence. | 138 | 24 | 82.1 | + 0.8 | 103 | 19 | 62 | 9 | 33 | 6.10 | - 0.50 | 2.28 | 0 | 10 | 17 | 6 | 12 | sw. | H. K. Gilbert. | |
| Gaston Shoals | Cherokee. | 12 | 19 | 82.9 | + 2.4 | 98 | 2† | 66 | 9 | 26 | 5.76 | - 1.64 | 1.56 | 0 | 13 | 19 | 2 | 10 | s. | Harry A. Parshall. | |
| Georgetown | Georgetown. | 919 | 20 | 79.3 | + 3.3 | 100 | 18† | 57 | 8 | 27 | 6.60 | + 0.91 | 1.25 | 0 | 13 | 17 | 4 | 10 | w. | A. P. Hazard. | |
| Greenville | Greenville. | 989 | 20 | 81.8 | + 1.8 | 109 | 19 | 60 | 8 | 37 | 3.84 | - 1.24 | 1.47 | 0 | 7 | 19 | 0 | 12 | w. | Spartan Goodlette. | |
| Greenwood | Greenwood. | 671 | 24 | 81.8 | ..... | 109 | 19 | 62 | 8 | 37 | 3.84 | - 1.24 | 1.47 | 0 | 7 | 19 | 0 | 12 | w. | M. M. Calhoun. | |
| Heath Springs | Lancaster. | 568 | 11 | 80.4 | ..... | 101 | 18† | 66 | 8† | 32 | 7.01 | - 1.65 | 1.65 | 0 | 12 | 5 | 16 | 10 | sw. | J. Marvin Bowers. | |
| Kingstree | Williamsburg. | 57 | 24 | 82.2 | + 1.6 | 100 | 2† | 61 | 9† | 32 | 3.84 | - 2.19 | 0.68 | 0 | 10 | 21 | 2 | 8 | sw. | A. O. Matthews. | |
| Liberty | Pickens. | 900 | 18 | 80.0 | + 0.9 | 101 | 18† | 57 | 8 | 27 | 6.19 | + 0.79 | 2.10 | 0 | 12 | 15 | 4 | 8 | w. | John T. Boggs. | |
| Little Mountain | Newberry. | 711 | 19 | 83.2 | + 2.6 | 107 | 19 | 62 | 11 | 35 | 5.39 | + 0.48 | 2.25 | 0 | 5 | 30 | 0 | 1 | s. | J. M. Sease, M. D. | |
| Meriwether | Edgefield. | 3 | ..... | 83.0* | ..... | 107† | 19 | 60 | 8 | 34 | 3.24 | ..... | 1.71 | 0 | 8 | 15 | 13 | 3 | sw. | William S. Middleton. | |
| Monetta | Saluda. | 1 | ..... | 82.2 | ..... | 105 | 19 | 62 | 8 | 31 | 3.22 | ..... | 1.01 | 0 | 8 | 15 | 13 | 3 | sw. | Joseph M. Johnson. | |
| Newberry | Newberry. | 502 | 8 | 82.8 | + 2.5 | 106 | 19 | 60 | 8 | 33 | 3.83 | - 1.54 | 1.49 | 0 | 10 | 1 | 26 | 4 | w. | W. G. Peterson. | |
| Pelzer | Anderson. | 873 | 7 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6.34 | 0 | 9 | 18 | 8 | 5 | w. | J. M. Ward. | |
| Pinopolis | Berkeley. | 55 | 19 | 82.7 | + 1.9 | 101 | 19 | 60 | 9 | 31 | 2.61 | - 3.27 | 0.85 | 0 | 9 | 18 | 8 | 5 | e. | Miss E. P. Ravenel. | |
| St. George | Dorchester. | 109 | 24 | 82.7 | + 1.9 | 101 | 19 | 60 | 9 | 31 | 2.61 | - 3.27 | 0.85 | 0 | 11 | 18 | 8 | 5 | e. | J. S. Wannamaker. | |
| St. Matthews | Orangeburg. | 269 | 24 | 82.5 | + 2.5 | 104 | 19 | 62 | 9 | 29 | 2.58 | - 1.19 | 1.50 | 0 | 11 | 18 | 8 | 5 | e. | Mrs. F. V. J. Maxwell. | |
| Saluda | Saluda. | 530 | 10 | 82.8 | ..... | 105 | 19 | 56 | 8 | 35 | 2.09 | ..... | 0.51 | 0 | 12 | 19 | 6 | 6 | s. | E. W. Jeter. | |
| Santuc | Union. | 572 | 17 | 83.4 | + 3.2 | 109 | 19 | 59 | 8 | 39 | 4.34 | - 0.65 | 1.30 | 0 | 12 | 6 | 19 | 8 | sw. | W. G. Walker. | |
| Smith Mills | Williamsburg. | 62 | 17 | 51 | 80.0 | | 101 | 19 | 57 | 8 | 30 | 9.13 | - 2.71 | 3.10 | 0 | 11 | 20 | 0 | 11 | w. | T. Ellison Simpson. |
| Society Hill | Darlington. | 75 | 15 | 82.0 | + 2.6 | 101 | 3† | 67† | 18 | 34 | 3.25 | + 2.07 | 3.75 | 0 | 7 | 17 | 14 | 0 | sw. | F. P. Robinson. | |
| Spartanburg | Spartanburg. | 975 | 21 | 80.6 | + 1.3 | 102 | 19 | 58 | 8 | 32 | 6.94 | + 2.38 | 2.89 | 0 | 17 | 13 | 2 | 16 | sw. | Miss E. H. Gadsden. | |
| Summerville | Dorchester. | 75 | 15 | 83.0 | + 3.3 | 104 | 6 | 62 | 9 | 33 | 1.79 | - 4.65 | 0.77 | 0 | 12 | 0 | 31 | 0 | sw. | Duane L. Wannamaker. | |
| Sumter | Sumter. | 169 | 18 | 81.8 | ..... | 102 | 6 | 65 | 22 | 23 | 3.31 | ..... | 2.01 | 0 | 8 | 14 | 9 | 8 | sw. | C. A. Long. | |
| Trenton | Edgefield. | 620 | 15 | 82.1 | + 1.7 | 102 | 19 | 63 | 8 | 30 | 3.36 | - 2.41 | 1.24 | 0 | 8 | 8 | 20 | 3 | s. | H. A. Patterson. | |
| Walterboro | Colleton. | 69 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0 | 19 | 0 | 0 | 12 | sw. | J. W. Seigler. | |
| Wimberley | Fairfield. | 545 | 22 | 80.8 | + 1.7 | 104 | 19 | 65 | 10 | 33 | 5.75 | + 1.54 | 1.67 | 0 | 5 | 16 | 14 | 0 | sw. | W. P. Goodman. | |
| Winniford College | York. | 690 | 13 | 81.3 | + 1.5 | 105 | 19 | 62 | 8 | 31 | 5.69 | + 1.49 | 2.00 | 0 | 7 | 2 | 22 | 7 | sw. | J. G. Hutson. | |
| Yemassee | Hampton. | 24 | 17 | 81.0 | - 0.4 | 100 | 19 | 66 | 8 | 34 | 5.20 | - 1.56 | 1.33 | 0 | 13 | 23 | 2 | 6 | s. | W. H. Calhoun. | |
| Georgia. | | | | | | | | | | | | | | | | | | | | | |
| Abbeville | Wilcox. | 180 | 10 | 51.5 | + 2.9 | 102 | 19 | 58 | 8 | 35 | 12.43 | + 6.67 | 4.63 | 0 | 16 | 17 | 2 | 12 | w. | Mrs. R. C. Evans. | |
| Adairsville | Bartow. | 772 | 21 | 51.5 | + 2.9 | 104 | 18† | 58 | 9 | 34 | 2.64 | - 2.51 | 1.15 | 0 | 4 | 14 | 8 | 9 | sw. | George C. Brosnan. | |
| Albany | Dougherty. | 232 | 26 | 53.3 | + 0.4 | 104 | 18 | 69 | 1 | 30 | 9.01 | + 3.33 | 1.70 | 0 | 16 | 8 | 7 | 16 | sw. | J. F. Rice. | |
| Allapaha | Berrien. | 293 | 23 | 52.1 | + 0.6 | 104 | 18 | 65 | 1† | 32 | 8.39 | + 2.60 | 2.40</ | | | | | | | | |

TABLE 1.—*Climatological data for July, 1913. District No. 2—Continued.*

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | | |
|---------------------------|-----------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|---------------------------|-----------------------|-----------------------|-------------------------------|------------------------|---------------------|-----------------------|----------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmelted. | Number of rainy days. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | | |
| Georgia—Continued. | | | | | | | | | | | | | | | | | | | | | |
| Greensboro..... | Greene..... | 598 | 11 | 80.9 | + 1.1 | 106 | 19 | 61 | 8† | 34 | 4.74 | - 0.38 | 1.94 | 0 | 8 | 13 | 9 | 9 | w. | R. L. Caldwell. | |
| Griffin..... | Spalding..... | 975 | 24 | 81.6 | + 1.8 | 102 | 19 | 66 | 8 | 27 | 5.28 | + 0.69 | 1.20 | 0 | 12 | 11 | 13 | 7 | w. | J. M. Mathews. | |
| Harrison..... | Washington..... | 378 | 14 | 81.6* | + 1.2 | 103 | 19 | 63 | 13 | 31 | 4.94 | + 0.44 | 1.39 | 0 | 7 | 5 | 19 | 7 | sw. | Thomas L. Wood. | |
| Hawkinsville..... | Pulaski..... | 235 | 17 | 83.0 | + 2.4 | 105 | 18 | 68 | 9† | 28 | 4.25 | - 1.13 | 1.26 | 0 | 11 | 14 | 3 | 14 | ..... | R. H. Wood. | |
| Highland Dam..... | Muscogee..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.45 | ..... | 2.25 | 0 | 7 | 0 | 12 | 0 | s. | F. C. Tibbs. | |
| Jesus..... | Wayne..... | 101 | 18 | 82.0 | ..... | 100 | 19 | 65 | 15 | 30 | 6.75 | + 1.01 | 1.90 | 0 | 10 | 10 | 15 | 6 | s. | W. L. Belcher. | |
| Lisbon..... | Lincoln..... | 326 | 6 | 82.2 | ..... | 106 | 18 | 59 | 8 | 34 | 4.39 | ..... | 2.25 | 0 | 14 | 1 | 27 | 3 | s. | B. J. DuBose. | |
| Lost Mountain..... | Cobb..... | 1,175 | 13 | 80.2 | + 1.7 | 102 | 19 | 58 | 8 | 34 | 4.38 | - 0.09 | 1.45 | 0 | 8 | 1 | 18 | 3 | ..... | A. N. Mayes. | |
| Louisville..... | Jefferson..... | 256 | 20 | 82.3 | + 1.9 | 103 | 19 | 65 | 9 | 28 | 6.60 | + 1.06 | 1.49 | 0 | 12 | 10 | 17 | 4 | w. | Walter A. Hilton. | |
| Lumber City..... | Telfair..... | 150 | 4 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.74 | ..... | 1.23 | 0 | 11 | 18 | 4 | 9 | ..... | R. T. Humber. | |
| Lumpkin..... | Stewart..... | 656 | 18 | 80.9 | + 0.3 | 103 | 19 | 65 | 26 | 25 | 4.86 | + 0.29 | 1.52 | 0 | 12 | 10 | 17 | 4 | sw. | U. S. Weather Bureau. | |
| Macon..... | Bibb..... | 370 | 32 | 81.7 | + 0.5 | 104 | 19 | 67 | 9 | 28 | 6.56 | + 2.06 | 2.17 | 0 | 13 | 8 | 10 | 11 | s. | E. C. Bryan. | |
| Marshallville..... | Macon..... | 500 | 20 | 82.4 | + 0.9 | 107 | 19 | 65 | 8 | 32 | 6.65 | + 1.15 | 2.82 | 0 | 10 | 12 | 11 | 8 | w. | Prof. O. M. Cone. | |
| Milledgeville..... | Baldwin..... | 276 | 25 | 82.5 | + 1.7 | 104 | 19 | 64 | 8 | 28 | 6.09 | + 0.89 | 1.50 | 0 | 15 | 18 | 8 | 7 | sw. | W. T. S. Dickey. | |
| Miller..... | Jenkins..... | 158 | 25 | 83.8 | + 2.0 | 106 | 18 | 62 | 9 | 33 | 3.24 | - 1.58 | 0.80 | 0 | 9 | 22 | 0 | 9 | s. | M. G. McComb. | |
| Mineral Bluff..... | Fannin..... | 1,571 | 76.8 | | | 98 | 19 | 50 | 8 | 39 | 3.08 | | 1.30 | 0 | 7 | | | | | | |
| Montezuma..... | Macon..... | 292 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.89 | ..... | 1.41 | 0 | 11 | 12 | 1 | 18 | sw. | J. C. Collins. | |
| Monticello..... | Jasper..... | 800 | 18 | 81.2 | + 1.1 | 104 | 18 | 63 | 8 | 30 | 6.97 | + 1.85 | 1.25 | 0 | 18 | 22 | 9 | 0 | ..... | Miss Maude Penn. | |
| Newnan..... | Coweta..... | 959 | 24 | 80.2 | + 0.5 | 99 | 19 | 63 | 8 | 29 | 5.39 | + 3.30 | 1.15 | 0 | 14 | 15 | 4 | 12 | s. | Mrs. Ida J. Milner. | |
| Norcross..... | Gwinnett..... | 1,078 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.46 | ..... | 1.34 | 0 | 16 | 17 | 7 | 8 | ..... | W. O. Medlock. | |
| Point Peter..... | Oglethorpe..... | 600 | 23 | 79.2 | + 0.1 | 108 | 19 | 60 | 8 | 30 | 3.74 | - 1.39 | 2.00 | 0 | 8 | 15 | 10 | 6 | s. | C. M. Witcher. | |
| Poulan..... | Worth..... | 365 | 23 | 82.4 | + 2.5 | 103 | 18 | 67 | 8 | 28 | 5.82 | - 0.88 | 1.33 | 0 | 10 | 17 | 4 | 4 | sw. | C. T. Merritt. | |
| Putnam..... | Marion..... | 13 | 81.0 | + 0.2 | 104 | 19 | 63 | 8† | 34 | 3.97 | - 0.40 | 1.00 | 0 | 12 | 7 | 19 | 5 | ..... | Miss Mildred Colum. | | |
| Quitman..... | Brooks..... | 173 | 27 | 82.0 | + 0.5 | 101 | 17† | 69 | 23 | 26 | 4.47 | - 3.39 | 0.90 | 0 | 9 | 27 | 0 | 4 | sw. | A. B. Jones. | |
| Ramhurst..... | Murray..... | 900 | 20 | 78.24 | + 1.1 | 100 | 19 | 54 | 8 | 34 | 3.45 | - 1.70 | 1.10 | 0 | 9 | ..... | D. E. Humphreys. | | | | |
| Resaca..... | Gordon..... | 657 | 19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.47 | + 1.36 | 2.34 | 0 | 8 | 23 | 3 | 5 | w. | D. A. Norton. | |
| Rome..... | Floyd..... | 576 | 64 | 82.8 | + 3.1 | 109 | 19 | 61 | 8 | 36 | 3.42 | - 0.58 | 1.93 | 0 | 8 | 16 | 8 | 7 | s. | W. M. Towers. | |
| St. George..... | Charlton..... | 50 | 6 | 80.8 | ..... | 97 | 3 | 65 | 16 | 31 | 8.77 | ..... | 1.85 | 0 | 15 | 18 | 12 | 1 | se. | A. N. Lund. | |
| Savannah..... | Chattooga..... | 65 | 62 | 82.4 | + 0.7 | 97 | 3 | 69 | 17 | 23 | 6.53 | - 0.36 | 1.96 | 0 | 13 | 19 | 9 | 0 | sw. | U. S. Weather Bureau. | |
| Statesboro..... | Bullock..... | 253 | 13 | 84.1 | + 2.5 | 106 | 19 | 66 | 9 | 33 | 4.61 | - 1.27 | 2.45 | 0 | 10 | 13 | 18 | 0 | a. | W. C. Cromley. | |
| Talbotton..... | Talbot..... | 750 | 19 | 82.0 | + 2.6 | 110 | 19 | 65 | 8 | 34 | 4.27 | - 1.15 | 2.15 | 0 | 13 | 17 | 0 | 14 | sw. | Dr. E. L. Bardwell. | |
| Tallapoosa..... | Haralson..... | 1,150 | 14 | 79.8 | + 1.6 | 101 | 19 | 60 | 8 | 34 | 3.59 | - 1.72 | 0.85 | 0 | 10 | 9 | 6 | 16 | sw. | C. C. Sigman. | |
| Thomasville..... | Thomas..... | 273 | 31 | 82.3 | + 1.0 | 104 | 18 | 62 | 27 | 29 | 4.78 | - 1.97 | 1.94 | 0 | 12 | 9 | 13 | 9 | sw. | U. S. Weather Bureau. | |
| Toccoa..... | Stephens..... | 1,050 | 27 | 78.8 | + 1.0 | 102 | 19 | 59 | 8 | 31 | 5.17 | - 0.79 | 2.21 | 0 | 9 | 15 | 4 | 12 | w. | J. A. Creasy. | |
| Valdosta..... | Lowndes..... | 220 | 8 | 82.8 | ..... | 103 | 18 | 67 | 23 | 26 | 6.35 | ..... | 1.20 | 0 | 10 | 27 | 0 | 4 | w. | Miss Annie L. Twitty. | |
| Valona..... | McIntosh..... | 10 | 15 | 80.4 | 0.0 | 97 | 19 | 65 | 8† | 25 | 9.05 | + 2.19 | 2.73 | 0 | 8 | 18 | 1 | 12 | se. | George E. Atwood. | |
| Washington..... | Wilkes..... | 630 | 22 | 81.0 | + 0.8 | 102 | 19 | 65 | 8 | 27 | 4.09 | - 1.10 | 1.53 | 0 | 13 | 17 | 6 | 8 | sw. | Miss Ella B. Smith. | |
| Waycross..... | Ware..... | 131 | 24 | 82.6 | + 0.4 | 100 | 18 | 63 | 23 | 28 | 8.91 | + 2.92 | 2.10 | 0 | 13 | 18 | 10 | 3 | ..... | Dr. J. F. Wilson. | |
| Waynesboro..... | Burke..... | 86 | 21 | 84.5 | ..... | 107 | 19 | 68 | 9 | 30 | 3.06 | - 2.45 | 1.15 | 0 | 7 | 17 | 1 | 13 | w. | Mrs. H. W. Blount. | |
| West Point..... | Troup..... | 620 | 23 | 80.0 | ..... | 102 | 19 | 68 | 8 | 28 | 3.67 | - 0.97 | 0.65 | 0 | 14 | 11 | 1 | 19 | w. | E. N. Dunn. | |
| Woodbury..... | Meriwether..... | 641 | 12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10.05 | + 5.67 | 3.25 | 0 | 13 | 16 | 9 | 6 | s. | E. T. Riggins. | |
| Florida | | | | | | | | | | | | | | | | | | | | | |
| Apalachicola..... | Franklin..... | 8 | 83.0 | ..... | 103 | 18 | 72 | 7† | 27 | 4.09 | ..... | 1.90 | 0 | 9 | 11 | 18 | 2 | se. | A. F. Whiteside. | | |
| Arcadia..... | De Soto..... | 61 | 12 | 82.0 | + 0.2 | 98 | 11† | 67 | 10 | 28 | 6.22 | - 2.77 | 1.50 | 0 | 22 | 4 | 27 | 0 | w. | C. S. Bushnell. | |
| Avon Park..... | do..... | 150 | 14 | 81.8 | + 0.2 | 95 | 12† | 69 | 10† | 25 | 7.47 | - 0.80 | 1.81 | 0 | 15 | 9 | 20 | 2 | e. | William King. | |
| Bartow..... | Polk..... | 115 | 25 | 80.9 | - 0.5 | 95 | 17 | 66 | 10 | 26 | 5.81 | ..... | 1.51 | 0 | 19 | 0 | 16 | 15 | se. | William Hood. | |
| Bassenger..... | Osceola..... | ..... | ..... | 81.0 | ..... | 94 | 16† | 67 | 10 | 25 | 3.60 | ..... | 1.55 | 0 | 5 | 20 | 10 | 1 | sw. | L. N. Kline. | |
| Bradenton..... | Manatee..... | 10 | 29 | ..... | ..... | 95 | 23 | ..... | ..... | ..... | 7.27 | - 3.63 | 0 | 0 | 14 | 20 | 9 | 2 | sw. | F. H. Braymer. | |
| Bristol..... | Liberty..... | | | | | 95 | 3 | 65 | 16 | 31 | 8.77 | | 0.76 | 0 | 15 | | | | | | J. N. Harrell. |
| Brooksville..... | Hernando..... | 126 | 20 | 81.4 | + 0.7 | 95 | 2† | 69 | 7† | 25 | 7.70 | - 2.22 | 2.50 | 0 | 12 | 17 | 2 | w. | C. C. Peck. | | |
| Carrabelle..... | Franklin..... | 10 | 14 | 82.1 | + 0.7 | 101 | 18 | 68 | 15† | 29 | 5.50 | - 1.06 | 1.90 | 0 | 8 | ..... | ..... | ..... | ..... | J. J. Blomquist. | |
| Cedar Keys..... | Levy..... | 10 | 24 | 82.7 | + 0.6 | 94 | 18 | 67 | 7 | 23 | 6.07 | - 2.53 | 1.24 | 0 | 9 | ..... | ..... | ..... | ..... | S. T. White. | |
| Clermont..... | Lake..... | 103 | 19 | 84.7 | + 1.9 | 101 | 18 | 70 | 9† | 27 | 8.47 | - 2.53 | 2.00 | 0 | 7 | 1 | 30 | 0 | s. | Walter Fesler. | |
| Crescent City..... | Putnam..... | 15 | 84.0 | + 2.2 | 103 | 18 | 69 | 22 | 31 | 4.42 | - 2.13 | 1.22 | 0 | 17 | 9 | 22 | 0 | ..... | Walter Cliff. | | |
| De Funik Springs..... | Walton..... | 193 | 14 | 80.8 | + 0.5 | 101 | 18 | 67 | 15† | 27 | 8.18 | + 0.61 | 1.50 | 0 | 16 | 13 | 17 | 1 | sw. | W. O. H. Shepard. | |
| De Land..... | Volusia..... | 27 | 16 | 81.6 | + 1.4 | 98 | 19 | 66 | 14 | 29 | 2.89 | ..... | 0.66 | 0 | 9 | 31 | 0 | 1 | se. | A. C. Haynes. | |
| Eustis..... | Lake..... | 56 | 22 | 84.0 | + 1.8 | 99 | 15† | 70 | 7† | 29 | 3.50 | - 3.79 | 1.09 | 0 | 12 | 25 | 5 | 1 | sw. | C. T. Smith. | |
| Federal Point..... | Putnam..... | 10 | 21 | 83.1 | + 2.2 | 101 | 3 | 68 | 8† | 31 | 3.30 | - 3.66 | 0.60 | 0 | 18 | 18 | 0 | 0 | sw. | E. S. Hubbard. | |
| Fen holloway..... | Taylor..... | 75 | 6 | 81.8 | ..... | 99 | 19 | 68 | 7† | 30 | 7.13 | - 2.00 | 2.00 | 0 | 8 | 0 | 31 | 0 | ..... | Joseph Wigglesworth. | |
| Fernandina..... | Nassau..... | 10 | 20 | 82.4 | + 1.4 | 93 | 18† | 67 | 10† | 24 | 3.26 | - 0.66 | 0.68 | 0 | 10 | 10 | 21 | 0 | se. | T. C. Borden. | |
| Fort Lauderdale..... | Dade..... | 10 | 1 | 81.8 | ..... | 93 | 18† | 63 | 3 | 27 | 3.26 | - 0.75 | 1.95 | 0 | 17 | 14 | 12 | 5 | sw. | W. M. Heine. | |
| Fort Meade..... | Polk..... | 125 | 23 | 81.4 | + 0.8 | 98 | 13 | 61 | 10† | 29 | 8.28 | - 0.75 | 2.75 | 0 | 18 | 22 | 9 | 0 | se. | G. L. Brodrick. | |
| Fort Myers..... | Lee..... | 12 | 40 | 80.7 | - 0.2 | 93 | 21 | 68 | 14 | 22 | | | | | | | | | | | |

TABLE 1.—Climatological data for July, 1913. District No. 2—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | | | |
|---------------------------|-------------|------------------|--------------------------|-------------------------------------|----------------------------|------------------|-------|---------|-----------------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------------------|-----|------------------------|------------------------|-----------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unadjusted. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | | | |
| Florida—Continued. | | | | | | | | | | | | | | | | | | | | | | |
| Pinellas Park. | Pinellas. | 20 | 2 | 81.2 | ..... | 94 | 23 | 67 | 15† | 24 | 7.85 | ..... | 1.22 | 0 | 18 | 9 | 21 | 1 | w. | Miss E. Borgman. | | |
| Plant City. | Hillsboro. | 121 | 19 | 83.2 | + 2.2 | 98 | 29 | 68 | 10† | 28 | 3.92 | — 4.70 | 1.20 | 0 | 11 | 4 | 27 | 0 | s. | E. B. Trask. | | |
| Rita. | Palm Beach. | 80.4 | ..... | 93 | + 0.1 | 93 | 17† | 67 | 10† | 24 | 2.12 | 0.77 | 0 | 0 | 15 | 19 | 12 | 0 | e. | M. Toda. | | |
| Rockwell. | Marion. | 10 | 11 | 81.7d | - 0.1 | 95d | 21 | 65 | 29 | 25 | 8.17 | + 0.46 | 2.00 | 0 | 0 | 5 | 29 | 1 | w. | Dunellon Phosphate Co. | | |
| St. Augustine. | St. Johns. | 10 | 61 | 81.8 | + 1.0 | 100 | 6 | 68 | 16† | 31 | 2.45 | - 3.06 | 0.60 | 0 | 0 | 14 | 18 | 0 | e. | E. F. Joyce. | | |
| St. Cloud. | Osceola. | 81.5 | ..... | 97 | 16 | 85 | 10 | 26 | 25 | 5.28 | — 1.25 | 2.17 | 0 | 0 | 14 | 7 | 23 | 1 | w. | J. T. Bearss. | | |
| St. Leo. | Pasco. | 140 | 16 | 81.1 | - 0.4 | 93 | 3† | 68 | 18 | 25 | 5.06 | - 4.20 | 2.17 | 0 | 0 | 14 | 7 | 23 | 1 | e. | Gerard Schneider. | |
| Sand Key. | Monroe. | 1 | 80.7 | ..... | 88 | 6 | 69 | 7 | 15 | 1.95 | — 1.23 | 0.90 | 0 | 0 | 9 | 15 | 15 | 1 | w. | U. S. Weather Bureau. | | |
| Sanford. | Orange. | 25 | 5 | 81.5 | ..... | 97 | 18 | 68 | 10† | 27 | 6.27 | — 1.96 | 2.00 | 0 | 0 | 10 | 21 | 7 | 3 | s. | H. C. DuBose. | |
| Satsuma Heights. | Putnam. | 98 | 5 | 82.4 | ..... | 98 | 17† | 68 | 14† | 28 | 5.66 | — 1.55 | 2.02 | 0 | 0 | 12 | 12 | 19 | 0 | e. | Satsuma Company. | |
| Switzerland. | St. Johns. | 10 | 20 | 81.4 ^a | + 1.1 | 96 ^a | 2 | 68 | 8† | 26 | 5.82 | - 2.15 | 1.72 | 0 | 0 | 9 | 24 | 6 | 1 | w. | Mrs. W. C. Steele. | |
| Tallahassee. | Leon. | 192 | 26 | 82.2 | + 1.9 | 102 | 18 | 69 | 14 | 27 | 3.97 | - 3.72 | 1.20 | 0 | 0 | 11 | 24 | 9 | 2 | e. | W. H. Markham. | |
| Tampa. | Hillsboro. | 79 | 23 | 81.2 | + 1.2 | 93 | 29 | 65 | 24 | 28 | 7.01 | - 1.42 | 1.66 | 0 | 0 | 19 | 20 | 16 | 0 | w. | U. S. Weather Bureau. | |
| Tarpon Springs. | Pinellas. | 20 | 28 | 81.2 | + 0.4 | 94 | 23 | 69 | 4† | 24 | 4.00 | - 4.95 | 0.55 | 0 | 0 | 17 | 15 | 16 | 0 | e. | A. P. Albaugh. | |
| Titusville. | Brevard. | 16 | 17 | 81.5 | + 0.7 | 96 | 20 | 67 | 10 | 38 | 3.87 | - 2.33 | 1.79 | 0 | 0 | 12 | 18 | 13 | 0 | sp. | F. M. Taylor. | |
| Wausha. | Washington. | 250 | 13 | 83.8d | + 1.9 | 104 ^d | 18 | 65 | 6 | 34 | 7.29 | - 0.16 | 2.03 | 0 | 0 | 8 | 3 | 17 | 11 | e. | Curtis Jones. | |
| Zuma. | Dade. | | | 78.8 | ..... | 95 | 18 | 64 | 17† | 31 | 2.42 | — 0.86 | 0 | 0 | 12 | 16 | 15 | 0 | e. | W. C. Hill. | | |
| Alabama. | | | | | | | | | | | | | | | | | | | | | | |
| Alaga. | Houston. | 105 | 8 | 79.8 | ..... | 100 | 19 | 61 | 8 | 31 | 4.12 | - 0.61 | 0.91 | 0 | 0 | 14 | 9 | 14 | 8 | s. | James L. Willis. | |
| Anniston. | Calhoun. | 728 | 22 | 79.8 | + 1.9 | 100 | 19 | 61 | 8 | 31 | 4.12 | - 0.61 | 0.91 | 0 | 0 | 8 | 19 | 3 | 9 | s. | U. S. Weather Bureau. | |
| Abbeville. | St. Clair. | 685 | 20 | 80.6 | + 2.3 | 100 | 6 | 54 | 8 | 34 | 3.34 | - 1.05 | 0.81 | 0 | 0 | 16 | 8 | 5 | 18 | sw. | A. L. Cather. | |
| Auburn. | Lee. | 732 | 31 | 80.7 | + 1.0 | 103 | 19 | 66 | 8 | 30 | 5.95 | + 0.39 | 1.14 | 0 | 0 | 10 | 2 | 23 | 6 | sw. | Dr. James T. Anderson. | |
| Benton. | Limestone. | 149 | 12 | 80.5 | ..... | 100 | 19 | 63 | 13 | 22 | 5.02 | - 0.07 | 0.98 | 0 | 0 | 13 | 12 | 12 | 7 | s. | S. T. Pruitt. | |
| Bermuda. | Conecuh. | 26 | 80.5 | + 0.6 | 100 | 19 | 63 | 13 | 22 | 5.02 | - 0.07 | 0.98 | 0 | 0 | 13 | 2 | 23 | 6 | sw. | M. J. Morris. | | |
| Birmingham. | Jefferson. | 701 | 25 | 80.6 | + 0.8 | 99 | 19 | 68 | 21 | 30 | 4.72 | + 0.02 | 1.21 | 0 | 0 | 18 | 12 | 12 | 7 | s. | U. S. Weather Bureau. | |
| Calera. | Shelby. | 500 | 12 | 81.2 | ..... | 102 | 19† | 61 | 13 | 31 | 4.40 | - 0.84 | 1.30 | 0 | 0 | 12 | 12 | 12 | 11 | sw. | L. G. Privett. | |
| Camp Hill. | Tallapoosa. | 738 | 12 | 81.4 | + 2.0 | 102 | 19† | 61 | 13 | 31 | 4.40 | - 0.84 | 1.30 | 0 | 0 | 9 | 2 | 21 | 8 | sw. | Dr. Lyman Ward. | |
| Citronelle. | Mobile. | 321 | 25 | 81.0 | + 0.2 | 98 | 26 | 68 | 4 | 27 | 5.69 | - 0.50 | 1.46 | 0 | 0 | 16 | 2 | 26 | 1 | sw. | Rev. W. H. Rowe. | |
| Clinton. | Chilton. | 690 | 20 | 80.4 | + 0.7 | 101 | 19 | 64 | 8 | 31 | 7.19 | + 2.27 | 1.57 | 0 | 0 | 8 | 2 | 11 | 11 | sw. | Joseph B. Downs. | |
| Cochrane. | Pickens. | 100 | 3 | 81.2 | ..... | 101 | 18 | 61 | 8 | 37 | 3.87 | - 0.21 | 1.30 | 0 | 0 | 7 | 15 | 4 | 12 | se. | T. H. G. Cooke. | |
| Cordova. | Walker. | 324 | 22 | 81.2 | + 2.1 | 101 | 18 | 61 | 8 | 37 | 5.31 | - 0.21 | 1.30 | 0 | 0 | 11 | 15 | 8 | 8 | sw. | Scott Maxwell. | |
| Cullman. | Cullman. | 802 | 5 | 80.4 | ..... | 101 | 19 | 61 | 11 | 28 | 3.88 | - 0.09 | 1.00 | 0 | 0 | 11 | 15 | 8 | 8 | sw. | Eugene A. Grayot. | |
| Dadeville. | Tallapoosa. | 760 | 8 | 80.5 | ..... | 101 | 19 | 61 | 8 | 37 | 4.02 | - 0.16 | 1.08 | 0 | 0 | 10 | 17 | 2 | 12 | nw. | Dr. W. B. Fulton. | |
| Daphne. | Baldwin. | 22 | 79.8 | - 1.0 | 98 | 18 | 66 | 19 | 27† | 7.28 | + 0.03 | 1.80 | 0 | 0 | 13 | 17 | 2 | 12 | se. | John H. Young. | | |
| Demopolis. | Marion. | 21 | 82.5 | ..... | 98 | 17 | 70 | 8† | 25 | 5.18 | — 2.41 | 2.41 | 0 | 0 | 17 | 19 | 11 | 1 | sw. | George E. Pegram. | | |
| Dothan. | Houston. | 200 | 29 | 79.2 | - 1.3 | 103 | 19 | 63 | 8 | 31 | 5.78 | - 0.60 | 1.30 | 0 | 0 | 8 | 15 | 10 | 6 | se. | L. G. Biggers. | |
| Eufaula. | Barbour. | 200 | 29 | 79.4 | - 1.3 | 103 | 19 | 63 | 8 | 31 | 5.78 | - 0.60 | 1.30 | 0 | 0 | 8 | 15 | 10 | 6 | sw. | Dr. J. B. Whitlock. | |
| Evergreen. | Conecuh. | 285 | 29 | 80.4 | - 0.1 | 99 | 18 | 69 | 24 | 25 | 2.51 | - 0.73 | 0.80 | 0 | 0 | 8 | 15 | 10 | 6 | sw. | George W. Salter. | |
| Fort Deposit. | Lowndes. | 620 | 29 | 82.0 | + 0.9 | 101 | 19 | 64 | 8 | 30 | 6.26 | + 1.15 | 2.58 | 0 | 0 | 9 | 15 | 10 | 6 | sw. | J. F. Hattemer. | |
| Gadsden. | Etowah. | 621 | 29 | 82.9 | + 3.4 | 104 | 19 | 61 | 8 | 37 | 4.36 | - 0.16 | 1.08 | 0 | 0 | 11 | 15 | 10 | 6 | sw. | D. P. Goodhue. | |
| Goat Rock. | Lee. | 826 | 18 | 80.0 | - 0.2 | 101 | 19 | 66 | 9† | 30 | 8.82 | + 3.46 | 2.49 | 0 | 0 | 15 | 18 | 8 | 8 | sw. | B. B. Hamby. | |
| Goodwater. | Coosa. | 326 | 18 | 80.0 | - 0.2 | 101 | 19 | 66 | 9† | 30 | 8.82 | + 3.46 | 2.49 | 0 | 0 | 15 | 18 | 8 | 8 | sw. | Miss Daisy Buice. | |
| Greensboro. | Hale. | 220 | 34 | 82.2 | + 1.9 | 98 | 19 | 70 | 14† | 24 | 6.91 | + 2.98 | 1.18 | 0 | 0 | 13 | 7 | 15 | 10 | 6 | sw. | W. E. W. Yerby. |
| Greenville. | Butler. | 444 | 12 | 80.4 | ..... | 101 | 19 | 60 | 24 | 30 | 3.97 | - 1.64 | 0.63 | 0 | 0 | 8 | 15 | 10 | 6 | sw. | E. M. Lewis. | |
| Hamilton. | Marion. | 17 | 80.2 ^a | + 1.1 | 101 | 19 | 58 | 6 | 42† | 3.83 | - 1.03 | 1.11 | 0 | 0 | 8 | 15 | 10 | 6 | sw. | Prof. H. O. Sargent. | | |
| Healing Springs. | Washington. | 362 | 21 | 81.2 | ..... | 100 | 19 | 66 | 22 | 32 ^a | 8.40 | + 2.96 | 2.17 | 0 | 0 | 11 | 15 | 10 | 6 | sw. | James E. Lipscomb. | |
| Highland Home. | Crenshaw. | 21 | 81.2 | + 1.5 | 100 | 19 | 66 | 22 | 32 ^a | 8.40 | + 2.96 | 2.17 | 0 | 0 | 14 | 12 | 7 | 12 | w. | Prof. Samuel Jordan. | | |
| Livingston. | Sumter. | 160 | 29 | 79.4 | - 1.9 | 97 | 19 | 63 | 3† | 26 | 8.80 | + 4.33 | 2.50 | 0 | 0 | 9 | 15 | 8 | 8 | sw. | Robert L. King. | |
| Look 4. | Talladega. | 510 | 16 | 80.4 | + 0.6 | 101 | 19 | 60 | 7† | 37 | 2.25 | - 2.56 | 0.75 | 0 | 0 | 7 | 8 | 22 | 1 | sw. | U. S. Engineers. | |
| Maple Grove. | Cherokee. | 20 | 82.0 | + 2.8 | 104 | 19 | 60 | 7† | 37 | 2.25 | - 2.56 | 0.75 | 0 | 0 | 5 | 5 | 5 | 5 | sw. | Mrs. A. L. Awbrey. | | |
| Mentone. | DeKalb. | 1,595 | 6 | 80.8 ^a | - 0.1 | 96 | 19 | 65 | 9 | 29 ^a | 3.51 | - 1.45 | 0.90 | 0 | 0 | 9 | 15 | 8 | 8 | sw. | E. Mason. | |
| Milstead. | Macon. | 10 | 82.4 | ..... | 104 | 19 | 66 | 8 | 33 | 3.62 | - 2.07 | 0.45 | 0 | 0 | 13 | 15 | 8 | 8 | sw. | W. U. Wall. | | |
| Mobile. | Mobile. | 84 | 41 | 81.4 | + 0.9 | 98 | 6 | 70 | 6 | 28 | 4.41 | - 2.63 | 2.22 | 0 | 0 | 18 | 5 | 18 | 8 | sw. | U. S. Weather Bureau. | |
| Montgomery. | Montgomery. | 240 | 41 | 82.0 | + 1.0 | 101 | 19 | 69 | 69 | 28 | 3.20 | - 2.38 | 2.71 | 0 | 0 | 12 | 9 | 11 | 11 | sw. | Dr. J. Huggins. | |
| Newbern. | Hale. | 21 | 83.2 | + 1.5 | 104 | 19 | 68 | 8† | 33 | 4.01 | - 0.38 | 1.41 | 0 | 0 | 13 | 4 | 18 | 9 | s. | Aquila J. Ketchum. | | |
| Oneonta. | Blount. | 857 | 19 | 79.7 | + 2.0 | 104 | 18 | 59 | 8 | 36 | 2.94 | - 3.19 | 0.86 | 0 | 0 | 13 | 9 | 4 | 18 | w. | A. H. Read, Jr. | |
| Opelika. | Lee. | 917 | 34 | 78.8 | - 1.5 | 98 | 19 | 60 | 23 | 23 | 5.98 | - 0.94 | 1.10 | 0 | 0 | 15 | 9 | 4 | 18 | w. | James A. Scott. | |
| Ozark. | Dale. | 400 | 11 | 81.8 | ..... | 100 | 19 | 65 | 27 | 27 | 9.20 | - 1.90 | 1.90 | 0 | 0 | 14 | 10 | 2 | 2 | s. | Joseph B. Bell. | |
| Prattville. | Autauga. | 281 | 13 | 81.1 | + 0.8 | 102 | 19 | 66 | 8 | 30 | 3.41 | - 0.72 | 0.72 | 0 | 0 | 9 | 15 | 10 | 2 | s. | W. N. Horn. | |
| Pushmataha. | Choctaw. | 22 | 80.8 ^a | - 0.1 | 96 | 19 | 65 | 9 | 29 ^a | 5.51 | - 1.45 | 0.90 | 0 | 0 | 9 | 15 | 8 | 8 | sw. | Carl Bossek. | | |
| Robertsdale. | Baldwin. | 148 | 17 | 83.5 | + 2.0 | 104 | 19 | 66 | 8 | 33 | 5.88 | - 3.58 | 2.05 | 0 | 0 | 21 | 15 | 15 | 15 | sw. | Charles F. Brisbin. | |
| Spring Hill. | Dallas. | 147 | 33 | 83 | | | | | | | | | | | | | | | | | | |

TABLE 1.—*Climatological data for July, 1913. District No. 2—Continued.*

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | |
|---------------------------|--------------|------------------|--------------------------|-------------------------------------|----------------------------|----------------|----------------|----------------|-----------------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------------------|-------------------|-----------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmetalled. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| <i>Mississippi—Contd.</i> | | | | | | | | | | | | | | | | | | | | |
| Jackson. | Hinds. | 280 | 26 | 82.3 | + 1.0 | 98 | 19 | 85 | 22 | 29 | 5.89 | + 1.48 | 1.65 | 0 | 14 | 12 | 10 | 9 | sw. | A. S. Nall. |
| Lake. | Scott. | 446 | 25 | 80.4 | + 0.5 | 97 | 6 [†] | 64 | 30 | 30 | 9.05 | + 3.92 | 2.20 | 0 | 8 | 18 | 2 | 11 | sw. | Mrs. Eddie McNeel. |
| Laurel. | Jones. | 241 | 9 | 81.8 | ... | 100 | 19 | 65 | 9 | 33 | 4.72 | ... | 1.32 | 0 | 12 | 16 | 8 | 7 | se. | Thomas W. Flynt. |
| Leakesville. | Greene. | 19 | 80.84 | - 0.5 | 100 | 6 [†] | 66 | 3 [†] | 29 ^d | 9.06 | ... | 1.63 | 2.81 | 0 | 9 | ... | ... | ... | Dr. Sam Pool. | |
| Louisville. | Winston. | 561 | 24 | 81.0 | + 1.5 | 98 | 19 | 63 | 23 | 31 | 5.70 | + 0.83 | 1.20 | 0 | 10 | ... | ... | ... | B. T. Webster. | |
| McNeill. | Pearl River. | 230 | 10 | 80.4 | + 0.1 | 98 | 6 | 67 | 71 | 30 | 8.96 | + 0.36 | 2.25 | 0 | 17 | 4 | 18 | 9 | se. | Prof. E. B. Ferris. |
| Macon. | Noxubee. | 185 | 25 | 82.2 | + 0.6 | 101 | 6 [†] | 64 | 22 | 35 | 4.07 | - 1.05 | 1.28 | 0 | 10 | 20 | 8 | 3 | w. | Finn E. Carlton. |
| Magnolia. | Pike. | 415 | 17 | 80.8 | - 0.5 | 98 | 20 | 68 | 91 | 27 | 5.39 | - 2.19 | 1.25 | 0 | 13 | 5 | 19 | 7 | e. | Miss Ruby V. Roberts. |
| Meridian. | Lauderdale. | 375 | 23 | 80.6 | + 0.6 | 97 | 19 | 68 | 9 | 26 | 4.77 | + 0.27 | 1.79 | 0 | 11 | 4 | 13 | 14 | sw. | U. S. Weather Bureau. |
| Merrill. | George. | 76 | 8 | ... | ... | ... | ... | ... | ... | 10.77 | ... | 3.85 | 0 | 14 | 14 | 2 | 15 | n. | James E. Walters. | |
| Monticello. | Lawrence. | 209 | 6 | 81.2 | ... | 98 | 20 | 64 | 22 | 27 | 7.82 | ... | 1.95 | 0 | 16 | 11 | 12 | 8 | se. | Dr. G. A. Teunisson. |
| Okolona. | Chickasaw. | 311 | 25 | 81.6 | - 0.6 | 99 | 6 | 65 | 22 | 28 | 6.15 | + 2.21 | 3.85 | 0 | 7 | 23 | 6 | 2 | s. | E. J. Henson. |
| Pascagoula. | Jackson. | 15 | 4 | 80.9 | ... | 97 | 18 | 70 | 7 | 21 | 8.71 | ... | 1.51 | 0 | ... | ... | ... | ... | McVey Young. | |
| Pearlington. | Hancock. | 10 | 25 | 80.0 | - 0.9 | 95 | 7 [†] | 68 | 7 | 27 | 8.48 | + 1.66 | 1.51 | 0 | 13 | 8 | 13 | 10 | w. | Miss Annette Koch. |
| Porterville. | Kemper. | 8 | 81.4 | ... | 99 | 19 | 60 | 8 | 34 | 8.01 | ... | 2.67 | 0 | 8 | 14 | 14 | 3 | sw. | I. S. Rea. | |
| Shubuta. | Clarke. | 197 | 8 | ... | ... | ... | ... | ... | ... | 6.94 | ... | 2.52 | 0 | 9 | ... | ... | ... | ... | George A. Floyd. | |
| Tupelo. | Lee. | 278 | 14 | 80.6 | ... | 97 | 19 | 62 | 22 | 30 | 4.62 | - 0.08 | 2.17 | 0 | 10 | 15 | 11 | 5 | s. | W. S. Vincent. |
| Waynesboro. | Wayne. | 191 | 26 | 81.8 | + 0.9 | 100 | 20 | 65 | 9 | 32 | 7.19 | + 2.18 | 2.30 | 0 | 10 | 7 | 9 | 15 | s. | R. S. Burke. |
| Woodland. | Chickasaw. | 4 | ... | ... | ... | ... | ... | ... | ... | 4.60 | ... | 1.15 | 0 | 9 | ... | ... | ... | ... | J. L. Ricks. | |

*, †, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for July, 1913. District No. 2, South Atlantic and East Gulf States.*

TABLE 2.—*Daily precipitation for July, 1913. District No. 2—Continued.*

TABLE 2.—*Daily precipitation for July, 1913. District No. 2—Continued.*

TABLE 2.—*Daily precipitation for July, 1913. District No. 2—Continued.*

| Stations. | Watershed. | Day of month. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total. | | | | |
|-----------------------|---------------------|---------------|------|-----|------|------|-----|-----|---|----|-----|-----|------|-----|-----|----|----|-----|----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|------|------|------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | |
| <i>Alabama—Contd.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Benton \|\| | Alabama | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.47 | |
| Bermuda. | Escambia. | .20 | | .80 | .01 | .18 | | | | | .93 | .08 | .43 | .04 | .01 | T. | | .34 | | .82 | 1.44 | | .91 | .72 | .12 | .14 | .10 | .14 | .10 | .14 | .10 | .14 | 5.02 | | | |
| Birmingham. | Black War- rior. | | | | T. | | | | | T. | .19 | .12 | .72 | .41 | .07 | | | .05 | | .02 | .06 | .12 | .04 | .54 | .91 | .23 | .37 | T. | .07 | T. | T. | T. | 4.72 | | | |
| Calera. | Coosa. | | | .08 | | | | | | | .42 | .30 | 1.10 | .40 | | | | | | | | | .70 | .52 | | .52 | .10 | .28 | | | | | | 5.07 | | |
| Camp Hill. | Tallapoosa. | | | .10 | | | | | | | .20 | .40 | 1.30 | | | | | | | | | | | .50 | .40 | .41 | .70 | | | | | | | 4.49 | | |
| Citronelle. | Alabama | | | .02 | .28 | 1.46 | .16 | .44 | | | .45 | .87 | | .01 | | | | | | | | | | .31 | .02 | .17 | .08 | .37 | .09 | .62 | .30 | | | 5.69 | | |
| Clanton \|\| | Coosa. | | | | | | | | | | | .09 | 1.04 | .21 | | | | | | | | | | | | | | | | | | | | | 7.10 | |
| Cochrane. | Tombigbee. | .35 | .40 | | | | | | | | | | .29 | .33 | | | | | | | | | | | | | | | | | | | | | 3.87 | |
| Cordova. | Black War- rior. | 1.30 | | | | | | | | | | | | .25 | | | | | | | | | | | | | | | | | | | | | 5.01 | |
| Cullman. | do. | | | | | | | | | | .10 | .20 | 1.00 | .04 | .35 | | | | | | | | | | | | | | | | | | 3.88 | | | |
| Dadeville \|\| | Tallapoosa. | | | | T. | | | | | | | | .26 | .47 | .37 | | | | | | | | | | T. | .32 | | .47 | .44 | .20 | .24 | .79 | T. | | 4.02 | |
| Daphne. | Coast. | | | .20 | 1.10 | | | .10 | | | | | .35 | .97 | T. | | | | | | | | | | | | | | | | | | 7.23 | | | |
| Demopolis \|\| | Tombigbee. | .03 | | | | | | | | | | | 1.76 | .30 | .50 | | | | | | | | | | | | | | | | | | | 7.43 | | |
| Dothan. | Coast. | .38 | | .06 | .02 | .14 | | | | | | .13 | .04 | | T. | | | | | | | | | | | | | | | | | | 5.18 | | | |
| Eufaula \|\| | Chattahoo- chee. | .62 | | | | | | | | | | | .22 | .04 | | | | | | | | | | | | | | | | | | | | 5.78 | | |
| Evergreen \|\| | Escambia. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.51 | |
| Fort Deposit. | do. | .02 | T. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.26 | |
| Gadsden \|\| | Coosa. | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.36 | |
| Goat Rock. | Chattahoo- chee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.20 | |
| Goodwater \|\| | Coosa. | .40 | .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.82 | |
| Greensboro \|\| | Black War- rior. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.91 | |
| Greenville \|\| | Escambia. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.07 | |
| Hamilton. | Tombigbee. | .42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.33 | |
| Healing Springs. | do. | T. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.25 | |
| Highland Home. | Escambia. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.40 | |
| Livingston \|\| | Tombigbee. | .27 | .84 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.80 | |
| Look No. 4. | Coosa. | .08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.45 | |
| Maple Grove \|\| | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.35 | |
| Mentone \|\| | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.46 | |
| Milstead \|\| | Tallapoosa. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.42 | |
| Mobile. | Coast. | .10 | .02 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.41 | | |
| Montgomery. | Alabama | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.30 | |
| Newbern. | Black War- rior. | .02 | .10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.01 | |
| Oneonta. | do. | .05 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.94 | |
| Opelika \|\| | Tallapoosa. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.98 |
| Ozark \|\| | Coast. | 1.90 | .20 | .30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9.20 |
| Prattville. | Alabama | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.41 |
| Pushmataha. | Tombigbee. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.51 |
| Robertsdale. | Coast. | .04 | .06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14.80 |
| Salina \|\| | Alabama | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.62 |
| Springhill \|\| | Coast. | .22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12.89 |
| Talladega. | Coosa. | .22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.74 |
| Tallassee \|\| | Tallapoosa. | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.66 |
| Thomasville \|\| | Tombigbee. | T. | 1.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.00 |
| Troy. | Escambia. | .03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.89 |
| Tuscaloosa \|\| | Black War- rior. | .11 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.89 |
| Tuskegee. | Tallapoosa. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.36 |
| Union Springs \|\| | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7.05 |
| Uniontown. | Black War- rior. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.91 |
| Valley Head. | Coosa. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.60 |
| Wetumpka \|\| | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.88 |
| <i>Mississippi.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aberdeen. | Tombigbee. | .30 | .03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.16 |
| Agricultural College. | do. | 1.10 | .25 | .05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.98 | |
| Bay St. Louis. | Coast. | .06 | .15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.62 |
| Bay Springs. | Leaf. | 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.91 |
| Biloxi. | Coast. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Booneville. | Tombigbee. | .31 | .01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.34 |
| Brookhaven \|\| | Pearl. | .36 | .39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.39 |
| Collins. | Leaf. | T. | .11 | .55 | .05 | .53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 3.—Maximum and minimum temperatures at selected stations for July, 1913. District No. 2, South Atlantic and East Gulf States.

| Date. | Virginia. | | | | | | | | | | North Carolina. | | | | | | | | | | | | | | | | | |
|--------|-----------------|------|--------------|------|------------|------|-----------------|------|------------------|------|---------------------|------|----------------|------|------------------|-------|------------|------|-------------|------|-----------|------|-----------------|------|------------|------|-------------|------|
| | Callaville. | | Hot Springs. | | Lynchburg. | | Norfolk. | | Richmond. | | Charlotte. | | Edenton. | | Fayetteville. | | Hatteras. | | Newbern. §§ | | Raleigh. | | Reidsville. | | Salisbury. | | Wilmington. | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1 | 94 | 69 | 91 | 64 | 94 | 72 | 90 | 70 | 94 | 71 | 92 | 73 | 94 | 69 | 93 | 73 | 85 | 74 | 93 | 71 | 92 | 72 | 95 | 69 | 96 | 72 | 89 | 73 |
| 2 | 99 | 75 | 90 | 66 | 96 | 76 | 97 | 71 | 97 | 74 | 97 | 74 | 98 | 75 | 97 | 75 | 85 | 77 | 95 | 74 | 97 | 75 | 98 | 74 | 99 | 74 | 94 | 76 |
| 3 | 91 | 71 | 82 | 67 | 87 | 70 | 82 | 74 | 88 | 74 | 98 | 74 | 92 | 75 | 99 | 76 | 88 | 77 | 93 | 74 | 94 | 70 | 93 | 68 | 94 | 70 | 96 | 76 |
| 4 | 93 | 68 | 87 | 64 | 83 | 69 | 85 | 72 | 90 | 71 | 89 | 68 | 92 | 72 | 91 | 73 | 86 | 78 | 92 | 72 | 86 | 72 | 82 | 69 | 88 | 71 | 90 | 72 |
| 5 | 97 | 70 | 85 | 66 | 94 | 71 | 93 | 72 | 95 | 74 | 90 | 69 | 93 | 72 | 94 | 72 | 89 | 77 | 93 | 72 | 92 | 72 | 88 | 64 | 94 | 69 | 90 | 74 |
| 6 | 96 | 71 | 89 | 62 | 90 | 73 | 93 | 72 | 94 | 72 | 94 | 74 | 92 | 75 | 99 | 75 | 87 | 74 | 96 | 75 | 95 | 76 | 96 | 76 | 98 | 64 | 94 | 76 |
| 7 | 88 | 65 | 82 | 55 | 80 | 64 | 82 | 66 | 78 | 63 | 83 | 67 | 80 | 70 | 86 | 69 | 78 | 67 | 82 | 67 | 84 | 64 | 82 | 64 | 83 | 72 | 81 | 66 |
| 8 | 86 | 55 | 78 | 46 | 83 | 57 | 83 | 61 | 84 | 60 | 86 | 57 | 87 | 62 | 83 | 63 | 79 | 65 | 87 | 59 | 84 | 64 | 88 | 58 | 89 | 54 | 81 | 66 |
| 10 | 98 | 70 | 82 | 55 | 84 | 60 | 84 | 65 | 84 | 63 | 88 | 66 | 90 | 61 | 91 | 61 | 82 | 70 | 88 | 62 | 87 | 65 | 86 | 62 | 88 | 64 | 83 | 68 |
| 11 | 95 | 70 | 80 | 62 | 90 | 70 | 89 | 69 | 89 | 70 | 92 | 69 | 93 | 71 | 93 | 68 | 83 | 73 | 92 | 67 | 91 | 69 | 92 | 69 | 92 | 60 | 87 | 71 |
| 12 | 89 | 70 | 79 | 65 | 87 | 72 | 89 | 72 | 93 | 71 | 82 | 70 | 94 | 75 | 92 | 71 | 84 | 77 | 91 | 69 | 89 | 71 | 87 | 69 | 90 | 69 | 87 | 76 |
| 13 | 89 | 70 | 80 | 55 | 91 | 69 | 89 | 73 | 90 | 70 | 90 | 69 | 96 | 75 | 96 | 73 | 86 | 77 | 90 | 74 | 92 | 72 | 93 | 68 | 94 | 69 | 90 | 77 |
| 14 | 94 | 70 | 82 | 63 | 93 | 73 | 93 | 75 | 97 | 74 | 95 | 73 | 99 | 76 | 97 | 73 | 84 | 77 | 94 | 74 | 95 | 74 | 94 | 69 | 97 | 71 | 91 | 76 |
| 15 | 91 | 68 | 83 | 62 | 86 | 71 | 85 | 69 | 91 | 70 | 92 | 74 | 94 | 70 | 95 | 74 | 87 | 72 | 93 | 75 | 93 | 73 | 95 | 74 | 91 | 70 | 91 | 70 |
| 16 | 85 | 67 | 79 | 63 | 84 | 67 | 80 | 70 | 85 | 66 | 95 | 72 | 87 | 64 | 92 | 70 | 83 | 72 | 88 | 68 | 88 | 68 | 92 | 67 | 98 | 70 | 84 | 69 |
| 17 | 80 | 60 | 86 | 60 | 85 | 67 | 77 | 65 | 81 | 62 | 93 | 72 | 88 | 68 | 86 | 71 | 79 | 67 | 90 | 66 | 84 | 72 | 90 | 66 | 93 | 72 | 83 | 71 |
| 18 | 95 | 72 | 88 | 65 | 97 | 74 | 89 | 68 | 93 | 71 | 101 | 73 | 95 | 74 | 97 | 71 | 84 | 76 | 92 | 72 | 99 | 74 | 98 | 72 | 102 | 74 | 89 | 75 |
| 19 | 92 | 70 | 83 | 64 | 91 | 68 | 88 | 63 | 88 | 68 | 102 | 72 | 95 | 80 | 101 | 77 | 85 | 71 | 95 | 76 | 98 | 68 | 97 | 69 | 102 | 70 | 91 | 70 |
| 20 | 84 | 66 | 86 | 66 | 89 | 65 | 84 | 68 | 83 | 69 | 90 | 68 | 88 | 69 | 90 | 68 | 68 | 70 | 89 | 67 | 86 | 68 | 86 | 65 | 87 | 69 | 89 | 68 |
| Mns.. | 90.1 | 67.6 | 82.9 | 60.4 | 88.5 | 68.8 | 86.5 | 70.0 | 89.2 | 68.7 | 90.5 | 70.3 | 92.0 | 70.3 | 92.2 | 71.1 | 84.1 | 73.6 | 90.9 | 70.8 | 89.6 | 70.5 | 91.1 | 67.4 | 92.8 | 69.1 | 87.7 | 72.3 |
| Date. | South Carolina. | | | | | | | | | | Georgia. | | | | | | | | | | | | | | | | | |
| | Charles-ton. | | Columbia. | | Conway. §§ | | Fer-gus-son. §§ | | Geo-ge- town. | | Green- ville. §§ | | New- berry. | | Society Hill. | | Albany. §§ | | Atlanta. | | Augus-ta. | | Dahlon- ega. | | Macon. | | Rome. §§ | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1.... | 88 | 77 | 91 | 73 | 96 | 72 | 93 | 71 | 88 | 72 | 93 | 69 | 95 | 73 | 94 | ----- | 92 | 69 | 89 | 72 | 92 | 74 | 96 | 68 | 90 | 73 | 96 | 70 |
| 2.... | 94 | 78 | 96 | 75 | 100 | 74 | 95 | 72 | 98 | 78 | 96 | 71 | 99 | 73 | 98 | ----- | 95 | 72 | 88 | 72 | 95 | 75 | 94 | 66 | 94 | 73 | 97 | 72 |
| 3.... | 95 | 80 | 98 | 73 | 101 | 75 | 99 | 74 | 98 | 80 | 97 | 74 | 102 | 74 | 101 | ----- | 99 | 74 | 93 | 73 | 98 | 77 | 95 | 65 | 98 | 74 | 100 | 72 |
| 4.... | 88 | 80 | 96 | 74 | 97 | 76 | 98 | 75 | 98 | 78 | 91 | 72 | 97 | 74 | 94 | ----- | 96 | 74 | 94 | 74 | 97 | 75 | 93 | 67 | 93 | 71 | 97 | 72 |
| 5.... | 88 | 79 | 94 | 72 | 98 | 73 | 96 | 74 | 98 | 76 | 88 | 69 | 95 | 70 | 94 | ----- | 98 | 73 | 90 | 71 | 92 | 74 | 93 | 67 | 91 | 72 | 98 | 70 |
| 6.... | 92 | 77 | 100 | 75 | 100 | 72 | 94 | 72 | 98 | 72 | 95 | 64 | 103 | 75 | 98 | ----- | 99 | 74 | 95 | 73 | 100 | 76 | 92 | 70 | 98 | 76 | 100 | 72 |
| 7.... | 86 | 76 | 88 | 72 | 93 | 75 | 93 | 73 | 85 | 73 | 81 | 68 | 68 | 68 | 68 | ----- | 94 | 73 | 87 | 71 | 91 | 76 | 89 | 69 | 88 | 70 | 90 | 66 |
| 8.... | 82 | 75 | 89 | 65 | 91 | 65 | 95 | 72 | 84 | 72 | 87 | 57 | 91 | 60 | 86 | ----- | 92 | 71 | 88 | 65 | 90 | 68 | 87 | 55 | 89 | 68 | 96 | 61 |
| 9.... | 82 | 74 | 91 | 66 | 92 | 62 | 91 | 70 | 84 | 66 | 87 | 63 | 93 | 64 | 89 | ----- | 93 | 71 | 89 | 68 | 91 | 62 | 93 | 67 | 98 | 63 | 93 | 63 |
| 10.... | 90 | 77 | 90 | 71 | 94 | 65 | 89 | 72 | 91 | 73 | 90 | 67 | 98 | 69 | 98 | ----- | 90 | 72 | 90 | 70 | 92 | 73 | 95 | 60 | 91 | 72 | 94 | 68 |
| 11.... | 91 | 75 | 88 | 72 | 94 | 75 | 89 | 73 | 91 | 73 | 79 | 70 | 80 | 72 | 90 | ----- | 92 | 72 | 82 | 69 | 90 | 74 | 76 | 59 | 89 | 74 | 85 | 71 |
| 12.... | 88 | 78 | 90 | 74 | 94 | 74 | 95 | 85 | 92 | 74 | 79 | 67 | 86 | 72 | 95 | ----- | 93 | 70 | 82 | 71 | 86 | 73 | 85 | 60 | 86 | 74 | 93 | 73 |
| 13.... | 89 | 78 | 96 | 73 | 93 | 73 | 98 | 69 | 96 | 74 | 86 | 69 | 97 | 70 | 96 | ----- | 95 | 72 | 87 | 69 | 93 | 73 | 89 | 65 | 88 | 72 | 96 | 70 |
| 14.... | 91 | 77 | 96 | 72 | 96 | 73 | 94 | 70 | 96 | 76 | 92 | 70 | 99 | 71 | 98 | ----- | 97 | 71 | 87 | 67 | 94 | 72 | 90 | 65 | 93 | 69 | 100 | 67 |
| 15.... | 94 | 71 | 98 | 72 | 97 | 71 | 94 | 73 | 97 | 78 | 91 | 71 | 101 | 73 | 99 | 72 | 96 | 74 | 94 | 71 | 97 | 74 | 95 | 61 | 95 | 70 | 95 | 70 |
| 16.... | 92 | 75 | 96 | 72 | 92 | 65 | 84 | 73 | 88 | 72 | 94 | 69 | 102 | 70 | 100 | 73 | 98 | 74 | 91 | 71 | 98 | 72 | 95 | 67 | 97 | 73 | 98 | 70 |
| 17.... | 86 | 79 | 97 | 76 | 96 | 74 | 96 | 74 | 92 | 76 | 95 | 70 | 103 | 73 | 99 | 75 | 97 | 76 | 95 | 70 | 99 | 75 | 97 | 75 | 103 | 72 | | |
| 18.... | 90 | 78 | 99 | 74 | 95 | 73 | 100 | 75 | 91 | 76 | 100 | 73 | 105 | 74 | 101 | 67 | 104 | 74 | 97 | 75 | 99 | 73 | 97 | 75 | 104 | 76 | 105 | 72 |
| 19.... | 91 | 80 | 102 | 69 | 96 | 73 | 90 | 85 | 94 | 76 | 100 | 73 | 106 | 76 | 96 | 70 | 102 | 76 | 99 | 74 | 102 | 78 | 101 | 75 | 104 | 78 | 109 | 73 |
| 20.... | 92 | 73 | 89 | 70 | 84 | 69 | 86 | 74 | 84 | 71 | 91 | 68 | 90 | 69 | 96 | 75 | 89 | 69 | 86 | 74 | 96 | 70 | 89 | 75 | 95 | 73 | | |
| 21.... | 84 | 72 | 87 | 70 | 82 | 67 | 85 | 76 | 83 | 74 | 88 | 66 | 88 | 71 | 86 | 71 | 91 | 73 | 86 | 69 | 88 | 72 | 80 | 61 | 88 | 71 | 97 | 66 |
| 22.... | 81 | 74 | 85 | 69 | 82 | 66 | 86 | 72 | 81 | 71 | 83 | 67 | 85 | 70 | 84 | 75 | 85 | 72 | 80 | 68 | 85 | 73 | 86 | 65 | 81 | 71 | 90 | 68 |
| 23.... | 87 | 72 | 87 | 70 | 86 | 66 | 91 | 82 | 88 | 74 | 82 | 66 | 87 | 69 | 96 | 72 | 92 | 70 | 81 | 68 | 85 | 70 | 82 | 65 | 86 | 69 | 88 | 71 |
| 24.... | 90 | 73 | 92 | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 3.—*Maximum and minimum temperatures at selected stations for July, 1913. District No. 2—Continued.*

| Date. | Georgia. | | | | | | | | Florida. | | | | | | | | | | | | | | | | | | | |
|--------|-----------|------|--------------|------|-----------|------|-------------|------|------------|------|-------------|------|---------------|------|-----------|------|-----------|------|--------|------|--------------|------|----------|------|------------|------|--------------|------|
| | Savannah. | | Thomasville. | | Waycross. | | West Point. | | Avon Park. | | Fort Myers. | | Jacksonville. | | Key West. | | Marianna. | | Miami. | | Orange City. | | Orlando. | | Pensacola. | | Tallahassee. | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1.... | 92 | 75 | 89 | 71 | 92 | 70 | 80 | 72 | 90 | 72 | 89 | 73 | 92 | 75 | 87 | 78 | 89 | 72 | 88 | 73 | 93 | 72 | 82 | 73 | 90 | 72 | | |
| 2.... | 95 | 75 | 93 | 71 | 93 | 72 | 92 | 73 | 91 | 74 | 92 | 73 | 94 | 74 | 87 | 78 | 93 | 70 | 88 | 75 | 92 | 74 | 83 | 75 | 93 | 73 | | |
| 3.... | 97 | 76 | 95 | 70 | 98 | 75 | 92 | 73 | 93 | 73 | 92 | 73 | 94 | 76 | 87 | 78 | 101 | 72 | 88 | 74 | 98 | 69 | 94 | 75 | 96 | 72 | | |
| 4.... | 92 | 77 | 93 | 70 | 97 | 74 | 83 | 74 | 93 | 72 | 89 | 73 | 93 | 75 | 87 | 78 | 97 | 70 | 88 | 73 | 96 | 69 | 92 | 72 | 93 | 72 | | |
| 5.... | 92 | 76 | 95 | 73 | 95 | 73 | 91 | 71 | 93 | 73 | 85 | 73 | 93 | 75 | 88 | 75 | 96 | 71 | 88 | 73 | 96 | 70 | 89 | 70 | 95 | 71 | | |
| 6.... | 95 | 75 | 97 | 76 | 98 | 77 | 98 | 72 | 92 | 72 | 83 | 74 | 95 | 70 | 88 | 76 | 100 | 75 | 87 | 71 | 99 | 70 | 95 | 73 | 93 | 74 | | |
| 7.... | 83 | 72 | 94 | 73 | 91 | 69 | 90 | 72 | 91 | 72 | 86 | 72 | 90 | 70 | 88 | 75 | 96 | 69 | 87 | 72 | 98 | 71 | 91 | 74 | 95 | 72 | | |
| 8.... | 83 | 73 | 92 | 71 | 86 | 72 | 90 | 66 | 88 | 71 | 87 | 73 | 86 | 72 | 86 | 74 | 98 | 69 | 86 | 71 | 94 | 69 | 89 | 77 | 94 | 73 | | |
| 9.... | 84 | 72 | 92 | 72 | 91 | 69 | 92 | 67 | 89 | 70 | 90 | 71 | 89 | 74 | 87 | 78 | 99 | 73 | 87 | 72 | 96 | 70 | 95 | 73 | 95 | 72 | | |
| 10.... | 91 | 72 | 86 | 73 | 96 | 70 | 93 | 72 | 90 | 69 | 88 | 71 | 88 | 74 | 88 | 78 | 91 | 73 | 86 | 74 | 94 | 67 | 91 | 69 | 84 | 73 | | |
| 11.... | 89 | 74 | 90 | 73 | 92 | 72 | 86 | 72 | 93 | 72 | 89 | 72 | 90 | 74 | 87 | 73 | 92 | 71 | 88 | 74 | 92 | 70 | 93 | 73 | 84 | 71 | | |
| 12.... | 91 | 76 | 90 | 72 | 90 | 70 | 80 | 73 | 95 | 71 | 90 | 74 | 90 | 75 | 88 | 79 | 95 | 71 | 89 | 79 | 93 | 70 | 91 | 72 | 85 | 79 | | |
| 13.... | 95 | 75 | 95 | 70 | 94 | 74 | 85 | 70 | 95 | 75 | 86 | 70 | 90 | 69 | 88 | 79 | 100 | 69 | 88 | 80 | 90 | 70 | 93 | 71 | 87 | 76 | | |
| 14.... | 95 | 72 | 95 | 70 | 95 | 69 | 88 | 68 | 93 | 69 | 88 | 68 | 92 | 73 | 88 | 78 | 100 | 69 | 89 | 70 | 92 | 68 | 95 | 71 | 95 | 72 | | |
| 15.... | 94 | 72 | 96 | 69 | 97 | 69 | 92 | 68 | 94 | 70 | 89 | 71 | 92 | 74 | 88 | 73 | 98 | 68 | 88 | 70 | 97 | 65 | 92 | 72 | 87 | 75 | | |
| 16.... | 97 | 75 | 98 | 73 | 98 | 73 | 93 | 71 | 94 | 69 | 90 | 76 | 97 | 73 | 88 | 79 | 98 | 72 | 89 | 76 | 98 | 68 | 94 | 72 | 90 | 72 | | |
| 17.... | 92 | 69 | 102 | 74 | 99 | 72 | 96 | 73 | 94 | 74 | 89 | 74 | 93 | 74 | 90 | 76 | 102 | 74 | 90 | 73 | 99 | 68 | 94 | 73 | 100 | 74 | | |
| 18.... | 83 | 74 | 104 | 75 | 100 | 72 | 99 | 73 | 92 | 70 | 89 | 74 | 95 | 74 | 88 | 75 | 103 | 75 | 91 | 72 | 99 | 68 | 96 | 74 | 102 | 75 | | |
| 19.... | 95 | 76 | 96 | 74 | 98 | 73 | 102 | 74 | 93 | 72 | 88 | 75 | 93 | 75 | 87 | 79 | 98 | 70 | 89 | 75 | 93 | 72 | 88 | 73 | 91 | 74 | | |
| 20.... | 96 | 74 | 94 | 72 | 97 | 74 | 90 | 70 | 92 | 75 | 89 | 74 | 94 | 75 | 89 | 78 | 98 | 69 | 88 | 75 | 95 | 73 | 87 | 76 | 94 | 73 | | |
| 21.... | 85 | 70 | 88 | 72 | 94 | 75 | 83 | 71 | 90 | 74 | 93 | 71 | 88 | 71 | 89 | 90 | 92 | 75 | 89 | 75 | 95 | 70 | 94 | 75 | 84 | 75 | | |
| 22.... | 83 | 70 | 84 | 71 | 88 | 71 | 77 | 70 | 93 | 72 | 91 | 72 | 90 | 73 | 89 | 81 | 89 | 72 | 88 | 78 | 95 | 69 | 93 | 71 | 83 | 71 | | |
| 23.... | 88 | 71 | 92 | 69 | 93 | 68 | 85 | 69 | 93 | 69 | 90 | 72 | 90 | 72 | 88 | 79 | 94 | 69 | 88 | 77 | 91 | 68 | 88 | 70 | 87 | 69 | | |
| 24.... | 90 | 70 | 91 | 71 | 92 | 69 | 87 | 68 | 92 | 70 | 91 | 74 | 90 | 73 | 88 | 79 | 94 | 71 | 89 | 75 | 96 | 70 | 91 | 71 | 84 | 70 | | |
| 25.... | 91 | 74 | 86 | 71 | 93 | 70 | 87 | 68 | 92 | 72 | 85 | 71 | 91 | 74 | 89 | 80 | 93 | 72 | 88 | 76 | 95 | 70 | 94 | 73 | 86 | 72 | | |
| 26.... | 92 | 74 | 90 | 71 | 91 | 70 | 84 | 70 | 90 | 71 | 90 | 71 | 91 | 74 | 88 | 76 | 97 | 72 | 88 | 80 | 96 | 69 | 92 | 72 | 86 | 71 | | |
| 27.... | 92 | 72 | 93 | 69 | 92 | 70 | 90 | 71 | 94 | 71 | 91 | 72 | 90 | 73 | 89 | 80 | 91 | 70 | 88 | 83 | 95 | 67 | 93 | 70 | 87 | 72 | | |
| 28.... | 91 | 74 | 90 | 71 | 89 | 73 | 86 | 70 | 93 | 71 | 91 | 71 | 90 | 73 | 88 | 76 | 98 | 71 | 90 | 73 | 99 | 68 | 94 | 70 | 90 | 72 | | |
| 29.... | 90 | 73 | 92 | 71 | 90 | 71 | 88 | 72 | 92 | 72 | 89 | 73 | 90 | 73 | 88 | 79 | 98 | 75 | 97 | 71 | 99 | 68 | 96 | 71 | 90 | 73 | | |
| 30.... | 90 | 76 | 93 | 72 | 93 | 72 | 86 | 70 | 90 | 71 | 88 | 72 | 91 | 74 | 89 | 77 | 96 | 71 | 97 | 72 | 93 | 70 | 92 | 74 | 86 | 72 | | |
| 31.... | 93 | 74 | 94 | 72 | 93 | 71 | 89 | 73 | 90 | 72 | 89 | 73 | 92 | 74 | 88 | 79 | 96 | 72 | 88 | 79 | 95 | 68 | 93 | 71 | 91 | 72 | | |
| Mn.. | 91.2 | 73.5 | 92.9 | 71.7 | 93.7 | 71.5 | 89.2 | 70.8 | 92.0 | 71.6 | 88.9 | 72.5 | 91.4 | 73.2 | 87.8 | 77.8 | 95.4 | 71.5 | 88.0 | 74.6 | 95.3 | 69.1 | 92.4 | 72.7 | 87.4 | 74.6 | 92.3 | 72.2 |

| Date. | Alabama. | | | | | | | | | | | | Mississippi. | | | | | | | | | | | | | | | |
|--------|----------------|----|-----------|------|----------|------|------------------|------|----------|------|---------|------|------------------|------|------------------|------|-----------------|------|-------------------|------|----------------|------|-------------------|------|----------|------|-----------|----|
| | Tampa, Fla. | | Anniston. | | Bermuda. | | Birming- ham. | | Eufaula. | | Mobile. | | Mont- gomery. | | Tusca- loosa. | | Union- town. | | Bay St. Louis. | | Colum- bus. | | Hatties- burg. | | Jackson. | | Meridian. | |
| | | | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1.... | 88 | 75 | 88 | 71 | 95 | 71 | 88 | 74 | 88 | 68 | 85 | 74 | 92 | 74 | 97 | 69 | 92 | 70 | 85 | 73 | 95 | 71 | 92 | 71 | 93 | 72 | 89 | 73 |
| 2.... | 90 | 75 | 90 | 73 | 94 | 72 | 88 | 71 | 92 | 69 | 86 | 75 | 92 | 73 | 96 | 70 | 93 | 71 | 87 | 74 | 98 | 72 | 90 | 72 | 92 | 70 | 87 | 72 |
| 3.... | 92 | 70 | 91 | 71 | 96 | 70 | 90 | 71 | 96 | 71 | 89 | 74 | 93 | 74 | 99 | 70 | 94 | 70 | 87 | 72 | 94 | 69 | 90 | 70 | 92 | 69 | 92 | 70 |
| 4.... | 90 | 72 | 94 | 70 | 94 | 71 | 95 | 72 | 93 | 72 | 95 | 74 | 95 | 76 | 102 | 70 | 96 | 69 | 91 | 72 | 97 | 67 | 93 | 70 | 92 | 69 | 92 | 70 |
| 5.... | 87 | 75 | 95 | 71 | 93 | 70 | 96 | 67 | 93 | 72 | 92 | 73 | 91 | 74 | 99 | 73 | 97 | 70 | 96 | 74 | 98 | 73 | 97 | 70 | 92 | 69 | 93 | 72 |
| 6.... | 89 | 74 | 98 | 71 | 98 | 71 | 97 | 72 | 98 | 70 | 98 | 74 | 99 | 74 | 101 | 71 | 99 | 71 | 97 | 73 | 102 | 73 | 98 | 71 | 96 | 69 | 96 | 71 |
| 7.... | 86 | 74 | 90 | 67 | 95 | 68 | 92 | 71 | 91 | 67 | 95 | 73 | 94 | 76 | 98 | 71 | 96 | 68 | 98 | 73 | 99 | 70 | 98 | 67 | 96 | 70 | 96 | 70 |
| 8.... | 89 | 72 | 92 | 61 | 97 | 67 | 95 | 71 | 92 | 63 | 95 | 75 | 94 | 70 | 99 | 65 | 95 | 68 | 92 | 73 | 98 | 67 | 96 | 70 | 96 | 69 | 96 | 70 |
| 9.... | 85 | 72 | 92 | 62 | 99 | 67 | 94 | 75 | 92 | 65 | 90 | 77 | 95 | 74 | 102 | 68 | 95 | 70 | 90 | 70 | 101 | 68 | 97 | 72 | 96 | 68 | 94 | 69 |
| 10.... | 89 | 71 | 84 | 70 | 92 | 72 | 87 | 72 | 90 | 69 | 86 | 73 | 95 | 72 | 95 | 72 | 94 | 70 | 95 | 71 | 97 | 67 | 92 | 72 | 94 | 68 | 96 | 69 |
| 11.... | 90 | 74 | 82 | 71 | 85 | 73 | 82 | 72 | 89 | 74 | 86 | | | | | | | | | | | | | | | | | |